

AIDA64 Extreme

Navigation

Version	AIDA64 v5.99.4900/fr
Module de test	4.3.793-x64
Site web	http://www.aida64.com/
Type de rapport	Rapport rapide [TRIAL VERSION]
Ordinateur	DESKTOP-04VD1LJ (PC)
Générateur	alexi
Système d'exploitation	Microsoft Windows 10 Home 10.0.17763.316 (Win10 RS5 [1809] October 2018 Update)
Date	2019-02-24
Temps	19:29

Lecture en mémoire

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
111548 Mo/s	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-13-31 CR1
76951 Mo/s	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-9-24 CR1
68805 Mo/s	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-18-38 CR1
67934 Mo/s	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	11-11-11-28 CR1
59419 Mo/s	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-17-35 CR2
51953 Mo/s	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27 CR2
48344 Mo/s	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-16

Navigation							39
45654 Mo/s	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79	Quad DDR3-1600	9-9-24	CR2
44646 Mo/s	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49	CR1
43968 Mo/s	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-15-36	CR2
43312 Mo/s	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-15-35	CR1
41267 Mo/s	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35	CR1
39548 Mo/s	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38	CR2
38162 Mo/s	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520	Hexa DDR3-1333	9-9-24	CR1
35540 Mo/s	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4-2400	17-17-17-39	
31187 Mo/s	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4-2133	14-14-14-35	CR2
30724 Mo/s	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4-2133	15-15-15-36	CR2
26519 Mo/s	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3-1866	9-10-9-27	CR2
26454 Mo/s	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3-1866	9-10-9-27	CR2
26425 Mo/s	8x FX-8150	3600 MHz	Asus M5A97	AMD970			

				Navigation	Dual DDR3 9- -1866 10- 9- 27 CR2
24791 Mo/s	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3 11- -1600 11- 28 CR1
23664 Mo/s	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3 9-9- -1600 24 CR2
23232 Mo/s	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3 11- -1600 11- 28 CR1
23225 Mo/s	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3 9-9- -1600 27 CR2
21635 Mo/s	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3 11- -1600 11- 28 CR1
21411 Mo/s	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3 9- -1866 10- 9- 27 CR2
21214 Mo/s	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3 9- -2133 11- 10- 27 CR2
21120 Mo/s	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple 9-9- DDR3- 9- 1333 24 CR1
20959 Mo/s	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3 9- -2133 11- 10- 31 CR2
20410 Mo/s	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple 9-9- DDR3- 9- 1333 24 CR1
19998 Mo/s	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged 6-6- Quad 6- DDR2- 18 800R CR1
19188 Mo/s	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3 9-9- -1333 24 CR1
18858 Mo/s		2400 MHz			

	8x Opteron 2378		Tyan Thunder n3600K	nForcePro-3600	Unganged Quad DDR2-800R	6-6-18 CR1
17792 Mo/s	4x Core i7-7700HQ HT	3500 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM	17-17-39 CR2
17455 Mo/s	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3 -1333	9-9-24 CR1
16600 Mo/s	4x A8-3850	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.	Dual DDR3 -1333	9-9-24 CR1
16416 Mo/s	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4 -2400	14-16-31 CR1
15693 Mo/s	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3 -1866	11-11-32 CR1
14639 Mo/s	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3 -1333	9-9-24 CR2
14052 Mo/s	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4 -2400	17-17-39 CR1
13474 Mo/s	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3 -1333	9-9-24 CR1
12984 Mo/s	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad DDR2-667R	5-5-15 CR1
11518 Mo/s	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-15 CR1
11089 Mo/s	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3 -1333	9-9-24 CR1
10701 Mo/s	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3 -1600	11-11-28 CR2
10107 Mo/s	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2 -800	5-5-18 CR2

9476 Mo/s	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2 -800	4-4-4-11 CR1
9034 Mo/s	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3 -1066	8-8-20 CR2
8742 Mo/s	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2 -800	5-5-18 CR2
8643 Mo/s	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.	DDR3-1600 SDRAM	11-11-28 CR2
8092 Mo/s	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2 -667	4-4-11
7984 Mo/s	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2 -667	5-5-15
7694 Mo/s	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2 -800	5-5-18 CR2
7543 Mo/s	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB	5-5-15
7536 Mo/s	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2 -700	5-5-18 CR2
6985 Mo/s	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2 -667	5-5-15
6549 Mo/s	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2 -667	5-5-15
6421 Mo/s	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM	7-7-20 CR2
6212 Mo/s	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-I90HD	RS600 Int.	Dual DDR2 -800	5-5-18 CR2
6012 Mo/s	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-8 CR2
5886 Mo/s	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20 CR2
5862 Mo/s	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-20 CR1

5344 Mo/s	Celeron 420	1600 MHz	Intel DQ965GF	Navigation Q965 Int.	Dual DDR2 -667	5-5-15
4558 Mo/s	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5-3-3-7
3969 Mo/s	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11 CR2
3909 Mo/s	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-3-6 CR1
3672 Mo/s	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2 -533FB	4-4-12
3623 Mo/s	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-12
3365 Mo/s	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15 CR2
3322 Mo/s	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2 -667FB	5-5-15
2919 Mo/s	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8 CR2

Écriture en mémoire

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
93866 Mo/s	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-31 CR1
76511 Mo/s	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-24 CR1
71844 Mo/s	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-38 CR1
65917 Mo/s	6x Core i7-7800X HT	3500 MHz	Gigabyte UD4	X299	Quad DDR4-2667	15-17-17

						Navigation	35
57872 Mo/s	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39	CR2
57663 Mo/s	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	11-11-11-28	CR1
52279 Mo/s	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27	CR2
46548 Mo/s	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-15-36	CR2
45532 Mo/s	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79	Quad DDR3-1600	9-9-9-24	CR2
44577 Mo/s	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-15-35	CR1
42507 Mo/s	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49	CR1
40975 Mo/s	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35	CR1
40306 Mo/s	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38	CR2
33407 Mo/s	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4-2400	17-17-17-39	
33404 Mo/s	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4-2133	14-14-14-35	CR2
31325 Mo/s	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4-2133	15-15-15-36	CR2

27371 Mo/s	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+ Navigation	i5520	Hexa DDR3-1333	9-9-24 CR1
23828 Mo/s	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3-1600	9-9-24 CR2
23717 Mo/s	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3-1600	11-11-28 CR1
23693 Mo/s	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3-1600	11-11-28 CR1
23615 Mo/s	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3-1600	9-9-27 CR2
19549 Mo/s	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3-1333	9-9-24 CR1
17677 Mo/s	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3-1866	9-10-27 CR2
17317 Mo/s	8x FX-8150	3600 MHz	Asus M5A97	AMD970	Dual DDR3-1866	9-10-27 CR2
17225 Mo/s	4x Core i7-7700HQ HT	3500 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM	17-17-39 CR2
16901 Mo/s	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333	9-9-24 CR1
16897 Mo/s	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3-1866	11-11-32 CR1
16889 Mo/s	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3-1866	9-10-27 CR2
16680 Mo/s	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-24 CR1
14780 Mo/s	4x A8-3850	2900 MHz		A75 Int.		

				Gigabyte GA-A75M-UD2H		Dual DDR3 -1333	9-9-24 CR1
14683 Mo/s	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690		Unganged Quad DDR2-800R	6-6-18 CR1
13197 Mo/s	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420		Dual DDR3 -1333	9-9-24 CR1
12775 Mo/s	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600		Unganged Quad DDR2-800R	6-6-18 CR1
12332 Mo/s	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton		Dual DDR3 -1600	11-11-28 CR1
12032 Mo/s	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.		Dual DDR3 -2133	11-10-31 CR2
10654 Mo/s	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.		Dual DDR4 -2400	17-17-39
10219 Mo/s	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.		Dual DDR3 -1600	11-11-28 CR2
10132 Mo/s	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.		Dual DDR3 -1333	9-9-24 CR1
9989 Mo/s	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.		Dual DDR3 -1866	10-9-27 CR2
9949 Mo/s	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.		Dual DDR3 -1333	9-9-24 CR1
9741 Mo/s	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.		Dual DDR3 -2133	11-10-27 CR2
9462 Mo/s	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.		Dual DDR4 -2400	14-16-31 CR1
8868 Mo/s		3200 MHz	MSI K9N SLI Platinum	nForce570SLI		Dual DDR2 -800	4-4-4-

				Navigation		11 CR1
8742 Mo/s	2x Athlon64 X2 Black 6400+	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad DDR2-667R	5-5-15 CR1
7917 Mo/s	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM	7-7-20 CR2
7738 Mo/s	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-15 CR1
7114 Mo/s	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2-800	5-5-18 CR2
7090 Mo/s	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3-1333	9-9-24 CR2
7084 Mo/s	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3-1066	8-8-20 CR2
6719 Mo/s	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB	5-5-15
5754 Mo/s	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2-700	5-5-18 CR2
5654 Mo/s	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2-667	4-4-11
5639 Mo/s	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2-667	5-5-15
5508 Mo/s	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2-800	5-5-18 CR2
5464 Mo/s	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2-667	5-5-15
4868 Mo/s	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2-800	5-5-18 CR2
4830 Mo/s	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2-667	5-5-15
4715 Mo/s	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20 CR2
4702 Mo/s	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.		11-11-

				Navigation	DDR3-1600 SDRAM	11-28 CR2
4260 Mo/s	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-190HD	RS600 Int.	Dual DDR2-800	5-5-18 CR2
4219 Mo/s	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5-3-3-7
4095 Mo/s	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-8 CR2
4054 Mo/s	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-20 CR1
3804 Mo/s	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-3-6 CR1
3588 Mo/s	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2-667	5-5-15
3157 Mo/s	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15 CR2
2831 Mo/s	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-12
2797 Mo/s	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11 CR2
2474 Mo/s	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2-667FB	5-5-15
2345 Mo/s	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2-533FB	4-4-12
2335 Mo/s	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8 CR2

Copie en mémoire

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
104455 Mo/s	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-13-

						Navigation	31
69894 Mo/s	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-18-38	CR1
68802 Mo/s	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	11-11-11-28	CR1
66844 Mo/s	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-9-24	CR1
54399 Mo/s	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-17-35	CR2
51524 Mo/s	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39	CR2
49929 Mo/s	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27	CR2
47593 Mo/s	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-15-36	CR2
42376 Mo/s	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79	Quad DDR3-1600	9-9-9-24	CR2
40324 Mo/s	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35	CR1
39543 Mo/s	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49	CR1
39372 Mo/s	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-15-35	CR1
38314 Mo/s	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int. 7	Dual DDR4-2667	16-18-18-38	CR2

34871 Mo/s	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+ Navigation	i5520	Hexa DDR3-1333	9-9-24 CR1
31372 Mo/s	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4-2133	14-14-35 CR2
29284 Mo/s	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4-2133	15-15-36 CR2
27143 Mo/s	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4-2400	17-17-39 CR1
24723 Mo/s	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3-1600	11-11-28 CR1
24586 Mo/s	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-24 CR1
23675 Mo/s	8x FX-8150	3600 MHz	Asus M5A97	AMD970	Dual DDR3-1866	9-10-27 CR2
22848 Mo/s	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3-1866	9-10-27 CR2
22734 Mo/s	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3-1866	9-10-27 CR2
22724 Mo/s	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3-1600	9-9-24 CR2
21525 Mo/s	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333	9-9-24 CR1
21457 Mo/s	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3-1600	11-11-28 CR1
21249 Mo/s	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3-1600	9-9-27 CR2
19581 Mo/s		3700 MHz		A88X Int.		

	4x A10-7850K		Gigabyte GA-F2A88XM-D3H		Dual DDR3 -2133	9-11-10-31 CR2
18021 Mo/s	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3 -1866	9-10-27 CR2
17620 Mo/s	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3 -1333	9-9-24 CR1
17534 Mo/s	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3 -2133	9-11-10-27 CR2
17354 Mo/s	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600	Unganged Quad DDR2-800R	6-6-18 CR1
17000 Mo/s	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2-800R	6-6-18 CR1
16721 Mo/s	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3 -1600	11-11-28 CR1
16352 Mo/s	4x Core i7-7700HQ HT	3500 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM	17-17-17-39 CR2
16140 Mo/s	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4 -2400	17-17-39
15905 Mo/s	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3 -1866	11-11-32 CR1
15567 Mo/s	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4 -2400	14-16-16-31 CR1
15482 Mo/s	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3 -1333	9-9-24 CR1
14003 Mo/s	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3 -1333	9-9-24 CR1
13992 Mo/s	4x A8-3850	2900 MHz		A75 Int.		

				Gigabyte GA-A75M-UD2H		Dual DDR3 -1333	9-9-24 CR1
12429 Mo/s	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3 -1333	9-9-24 CR2	
12151 Mo/s	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad DDR2-667R	5-5-15 CR1	
11359 Mo/s	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3 -1333	9-9-24 CR1	
11336 Mo/s	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3 -1600	11-11-28 CR2	
9664 Mo/s	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2 -800	5-5-18 CR2	
9454 Mo/s	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-15 CR1	
8965 Mo/s	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2 -800	4-4-11 CR1	
8208 Mo/s	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB	5-5-15	
7804 Mo/s	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2 -800	5-5-18 CR2	
7709 Mo/s	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.	DDR3-1600 SDRAM	11-11-28 CR2	
7409 Mo/s	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3 -1066	8-8-20 CR2	
6800 Mo/s	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2 -700	5-5-18 CR2	
6272 Mo/s	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2 -667	4-4-11	
6130 Mo/s	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2 -667	5-5-15	
5916 Mo/s		1600 MHz		VX900H Int.			

	Nano X2 L4350		VIA EPIA- M900	Navigation	DDR3- 1066 SDRAM	7-7- 7- 20 CR2
5540 Mo/s	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2 -667	5-5- 5- 15
5412 Mo/s	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2 -800	5-5- 5- 18 CR2
5304 Mo/s	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2 -667	5-5- 5- 15
4877 Mo/s	2x Pentium D 820	2800 MHz	Abit Fatal1ty F- I90HD	RS600 Int.	Dual DDR2 -800	5-5- 5- 18 CR2
4860 Mo/s	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3- 1066 SDRAM	7-7- 7- 20 CR2
4777 Mo/s	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3- 1066 SDRAM	8-8- 8- 20 CR1
4565 Mo/s	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5- 3-3- 8 CR2
4214 Mo/s	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5- 3-3- 7
4196 Mo/s	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2 -667	5-5- 5- 15
3678 Mo/s	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3- 3-6 CR1
3319 Mo/s	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5- 5- 15 CR2
3128 Mo/s	Celeron D 326	2533 MHz	ASRock 775Twins- HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4- 4- 11 CR2
3054 Mo/s	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4- 4- 12
3006 Mo/s	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2 -667FB	5-5- 5- 15
2984 Mo/s	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2 -533FB	4-4- 4- 12
2578 Mo/s	Sempron 2600+	1600 MHz	ASRock K8NF4G- SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5- 3-3- 8 CR2

Navigation

Démarrer l'analyse la mémoire

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL- RCD -RP - RAS
55.2 ns	Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2 -800	4-4- 4- 11 CR1
57.4 ns	Core i7- 3770K	3500 MHz	MSI Z77A- GD55	Z77 Int.	Dual DDR3 -1600	9-9- 9- 24 CR2
58.0 ns	Xeon E3- 1245 v3	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3 -1600	11- 11- 28 CR1
58.2 ns	Core i7- 4770	3400 MHz	Intel DZ87KLT- 75K	Z87 Int.	Dual DDR3 -1600	9-9- 9- 27 CR2
58.9 ns	Core i7- 8700K	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4 -2667	16- 18- 18- 38 CR2
59.7 ns	A10-6800K	4100 MHz	Gigabyte GA- F2A85X-UP4	A85X Int.	Dual DDR3 -2133	9- 11- 10- 27 CR2
61.3 ns	FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3 -1866	9- 10- 9- 27 CR2
61.5 ns	A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3 -1866	9- 10- 9- 27 CR2
61.7 ns	FX-8150	3600 MHz	Asus M5A97	AMD970	Dual DDR3 -1866	9- 10- 9- 27 CR2
61.7 ns	Core i7- 6700K	4000 MHz	Gigabyte GA- Z170X-UD3	Z170 Int.	Dual DDR4 -2133	14- 14- 14- 35 CR2
61.9 ns	Core i7- 4930K	3400 MHz	Gigabyte GA- X79-UD3	X79		9- 10-

						Navigation	Quad DDR3- 1866	9- 27 CR2
64.2 ns	FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3 -1866		9- 10- 9- 27 CR2	
64.2 ns	Core i7-5775C	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3 -1600		11- 11- 11- 28 CR1	
65.8 ns	Core i7-7700HQ	3600 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM		17- 17- 17- 39 CR2	
66.3 ns	Core i7-2600	3400 MHz	Asus P8P67	P67	Dual DDR3 -1333		9-9- 24 CR1	
67.1 ns	Core i7-7700K	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4 -2133		15- 15- 15- 36 CR2	
67.1 ns	Core i7-990X Extreme	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333		9-9- 9- 24 CR1	
67.5 ns	Core i7-3960X Extreme	3300 MHz	Intel DX79SI	X79	Quad DDR3-1600		9-9- 9- 24 CR2	
69.7 ns	Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3 -1333		9-9- 9- 24 CR1	
70.3 ns	Core i7-6850K	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400		16- 16- 16- 39 CR2	
70.3 ns	Xeon X5550	2666 MHz	Supermicro X8DTN+	i5520	Hexa DDR3-1333		9-9- 9- 24 CR1	
70.7 ns	Core i7-965 Extreme	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333		9-9- 9- 24 CR1	
71.6 ns	Ryzen Threadripper 2990WX	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933		16- 18- 18- 38 CR1	
72.0 ns	Core i7-5820K	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133		15- 15- 15-	

Navigation						36
72.5 ns	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	CR2 2.5-3-3-8 CR2
73.2 ns	Ryzen 7 2700X	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49 CR1
73.5 ns	Ryzen 5 2400G	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-15-35 CR1
74.1 ns	Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3-1333	9-9-9-24 CR2
74.3 ns	Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2-800	5-5-5-18 CR2
76.0 ns	A8-3850	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.	Dual DDR3-1333	9-9-9-24 CR1
77.0 ns	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8 CR2
77.5 ns	Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2-700	5-5-5-18 CR2
78.2 ns	Core i7-7800X	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-17-35 CR2
78.4 ns	Pentium EE 955	3466 MHz	Intel D955XBK	i955X	Dual DDR2-667	4-4-4-11
79.5 ns	Xeon E5-2670	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-9-24 CR1
79.9 ns	Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2-800	5-5-5-18 CR2
81.3 ns	Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2-667	5-5-5-15
82.1 ns	Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4-2400	17-17-17-39
82.5 ns	A10-7850K	3700 MHz		A88X Int.		

			Gigabyte GA-F2A88XM-D3H		Dual DDR3 9-2133	11-10-31 CR2
82.6 ns	P4EE	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2 -667	5-5-15 16-17-35 CR1
83.9 ns	Ryzen 7 1800X	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4 -2667	13-13-31 CR1
84.6 ns	Xeon E5-2660 v3	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	17-17-39 11-11-28 CR1
85.0 ns	Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4 -2400	2-3-6 CR1
87.6 ns	Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	7-7-20 CR2
88.1 ns	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	8-8-20 CR2
89.6 ns	Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	11-11-28 CR1
91.2 ns	Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3 -1066	9-9-24 CR1
92.8 ns	Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3 -1600	14-16-31 CR1
93.0 ns	Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3 -1333	6-6-18 CR1
96.2 ns	A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4 -2400	5-5-15
99.4 ns	Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600	Unganged Quad DDR2-800R	
100.1 ns	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2 -667	
100.3 ns	Core i5-650	3200 MHz		Q57 Int.		

			Supermicro C7SIM-Q	Navigation	Dual DDR3 -1333	9-9- 9- 24 CR1
101.3 ns	Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2 -667	5-5- 5- 15 11- 11- 11- 32 CR1
102.5 ns	Celeron J3455	1500 MHz	ASRock J3455B -ITX	ApolloLakeD Int.	Dual DDR3 -1866	5-5- 5- 18 CR2
103.9 ns	Pentium D 820	2800 MHz	Abit Fatal1ty F- I90HD	RS600 Int.	Dual DDR2 -800	4-4- 4- 12
105.5 ns	Atom 230	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	5-5- 5- 15 CR1
108.4 ns	Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2- 600R	8-8- 8- 20 CR1
109.7 ns	E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3- 1066 SDRAM	5-5- 5- 15
113.3 ns	Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2 -667FB	5-5- 5- 15
114.5 ns	Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2- 640FB	7-7- 7- 20 CR2
119.9 ns	Nano X2 L4350	1600 MHz	VIA EPIA- M900	VX900H Int.	DDR3- 1066 SDRAM	6-6- 6- 18 CR1
123.5 ns	Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2- 800R	2.5- 3-3- 7
124.8 ns	Xeon	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	11- 11- 11- 28 CR2
126.8 ns	Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3 -1600	4-4- 4- 12
127.7 ns	Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2 -533FB	11- 11- 11- 28 CR2
128.5 ns	Athlon 5350	2050 MHz	ASRock AM1B- ITX	Yangtze Int.	DDR3- 1600 SDRAM	5-5- 5- 800
129.5 ns	Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2 -800	

							Navigation
138.5 ns	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15	CR2
153.7 ns	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11	CR2
159.5 ns	Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad DDR2-667R	5-5-15	CR1

CPU Queen

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
218636	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-18-38 CR1
146300	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-31 CR1
100852	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-24 CR1
93361	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49 CR1
86028	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35 CR1
72472	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38 CR2
67338	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-17-35 CR2
		3600 MHz		X99		

64810	6x Core i7-6850K HT		Asus Strix X99 Gaming		Navigation	Quad DDR4-2400	16-16-16-39 CR2
62646	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79		Quad DDR3-1866	9-10-9-27 CR2
62300	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79		Quad DDR3-1600	9-9-9-24 CR2
59955	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99		Quad DDR4-2133	15-15-15-36 CR2
56869	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58		Triple DDR3-1333	9-9-9-24 CR1
55443	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.		Dual DDR4-2133	15-15-15-36 CR2
53516	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690		Octal DDR3-1600R	11-11-11-28 CR1
53505	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520		Hexa DDR3-1333	9-9-9-24 CR1
48853	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.		Dual DDR4-2133	14-14-14-35 CR2
47739	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton		Dual DDR4-2400	17-17-17-39
47278	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.		Dual DDR3-1600	9-9-9-27 CR2
46736	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.		Dual DDR3-1600	9-9-9-24 CR2
45958	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.		Dual DDR3-1600	11-11-11-28 CR1
45821		3300 MHz		Z97 Int.			

	4x Core i7-5775C HT		Gigabyte GA-Z97MX-Gaming 5		Dual DDR3 -1600	11-11-11-28 CR1
43886	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3 -1333	9-24 CR1
42517	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2-800R	6-6-6-18 CR1
41989	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4 -2933	16-15-15-35 CR1
41726	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB	5-5-15
41392	4x Core i7-7700HQ HT	3400 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM	17-17-17-39 CR2
37604	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333	9-9-24 CR1
36110	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3 -1866	9-10-9-27 CR2
33997	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3 -1600	11-11-11-28 CR1
32345	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3 -1333	9-9-24 CR2
31735	8x FX-8150	3600 MHz	Asus M5A97	AMD970	Dual DDR3 -1866	9-10-9-27 CR2
30788	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600	Unganged Quad DDR2-800R	6-6-6-18 CR1
26990	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2 -533FB	4-4-4-12
25526	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3 -1066	8-8-20 CR2

22176	4x A8-3850	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.	Dual DDR3 -1333	9-9-9-24 CR1
22008	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2 -667	5-5-5-15
21991	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad DDR2-667R	5-5-5-15 CR1
21908	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2 -800	5-5-5-18 CR2
21669	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3 -2133	9-11-10-27 CR2
21431	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3 -1333	9-9-9-24 CR1
21427	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3 -1866	9-10-9-27 CR2
21222	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3 -1333	9-9-9-24 CR1
20155	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3 -1866	9-10-9-27 CR2
19545	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3 -2133	9-11-10-31 CR2
19242	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4 -2400	14-16-16-31 CR1
19196	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2 -667FB	5-5-5-15
18938	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4 -2400	17-17-39
18012	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3 -1333	9-9-9-24 CR1
16924		1500 MHz				

	4x Celeron J3455		ASRock J3455B ApolloLakeD-ITX Navigation Int.		Dual DDR3 -1866	11-11-11-32 CR1
16081	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2 -800	5-5-18 CR2
15549	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3 -1600	11-11-28 CR2
14771	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.	DDR3-1600 SDRAM	11-11-28 CR2
12585	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-15 CR1
12148	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2 -800	5-5-18 CR2
11236	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2 -800	4-4-11 CR1
9610	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2 -667	5-5-15
7464	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2 -667	4-4-11
7312	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5-3-3-7
7309	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2 -700	5-5-18 CR2
5923	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20 CR2
5437	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM	7-7-20 CR2
5163	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-20 CR1
4086	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-190HD	RS600 Int.	Dual DDR2 -800	5-5-18 CR2

4022	P4EE HT	3733 MHz	Intel SE7230NPLX	Navigation iE7230	Dual DDR2 -667	5-5-15
3854	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-3-6 CR1
3793	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-4-12
3514	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-8 CR2
3301	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2 -667	5-5-15
2812	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8 CR2
2591	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15 CR2
1838	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11 CR2

CPU PhotoWorxx

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
61883 MPixel/s	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-31 CR1
38860 MPixel/s	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-35 CR2
38616 MPixel/s	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-24 CR1
38367 MPixel/s	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-38 CR1
35397 MPixel/s		2200 MHz		SR5690		

	32x Opteron 6274		Supermicro H8DGI-F	Navigation	Octal DDR3-1600R	11-11-11-28 CR1
30436 MPixel/s	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39 CR2
26590 MPixel/s	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-15-36 CR2
24225 MPixel/s	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35 CR1
23763 MPixel/s	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49 CR1
23535 MPixel/s	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27 CR2
23375 MPixel/s	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38 CR2
22807 MPixel/s	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79	Quad DDR3-1600	9-9-9-24 CR2
20439 MPixel/s	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520	Hexa DDR3-1333	9-9-9-24 CR1
20412 MPixel/s	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4-2133	14-14-14-35 CR2
19770 MPixel/s	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-15-35 CR1
19413 MPixel/s	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4-2133	15-15-15-36 CR2
17046 MPixel/s	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4-2400	17-17-

						Navigation	
15617 MPixel/s	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3-1600	17-39	11-11-11-11-28 CR1
14182 MPixel/s	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3-1600	9-9-24 CR2	11-11-11-28 CR1
14059 MPixel/s	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3-1600	9-9-24 CR2	11-11-11-28 CR1
13988 MPixel/s	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3-1600	9-27 CR2	9-9-9-9-24 CR1
12968 MPixel/s	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-24 CR1	9-10-9-27 CR2
12440 MPixel/s	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3-1866	9-9-27 CR2	9-10-9-27 CR2
12338 MPixel/s	8x FX-8150	3600 MHz	Asus M5A97	AMD970	Dual DDR3-1866	9-9-27 CR2	9-10-9-27 CR2
11919 MPixel/s	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3-1866	9-9-27 CR2	9-9-9-24 CR1
11786 MPixel/s	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333	9-9-24 CR1	6-6-18 CR1
11407 MPixel/s	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2-800R	6-6-18 CR1	9-9-9-24 CR1
11100 MPixel/s	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3-1333	9-24 CR1	6-6-18 CR1
10680 MPixel/s	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600	Unganged Quad DDR2-800R	6-6-18 CR1	17-17-17-39 CR2
10295 MPixel/s	4x Core i7-7700HQ HT	3400 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM		

9564 MPixel/s	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3 -2133	9-11-10-27 CR2
9064 MPixel/s	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3 -1866	9-10-27 CR2
8898 MPixel/s	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3 -2133	9-11-10-31 CR2
8852 MPixel/s	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3 -1600	11-11-11-28 CR1
8710 MPixel/s	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4 -2400	14-16-16-31 CR1
8530 MPixel/s	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3 -1333	9-9-24 CR1
8065 MPixel/s	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4 -2400	17-17-39
8064 MPixel/s	4x A8-3850	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.	Dual DDR3 -1333	9-9-24 CR1
7758 MPixel/s	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3 -1866	11-11-11-32 CR1
6980 MPixel/s	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3 -1333	9-9-24 CR2
6871 MPixel/s	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3 -1333	9-9-24 CR1
6123 MPixel/s	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad DDR2-667R	5-5-15 CR1
5627 MPixel/s	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2 -800	5-5-18 CR2
5271 MPixel/s	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3 -1333	9-9-9-

							Navigation	24
4810 MPixel/s	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3 -1600		CR1	
4727 MPixel/s	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB		11-11-11-28 CR2	
4214 MPixel/s	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3 -1066		5-5-15 8-8-20 CR2	
4180 MPixel/s	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.	DDR3-1600 SDRAM		11-11-11-28 CR2	
3817 MPixel/s	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2 -800		5-5-18 CR2	
3715 MPixel/s	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R		5-5-15 CR1	
3461 MPixel/s	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2 -800		5-5-18 CR2	
3043 MPixel/s	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2 -667		5-5-15	
2928 MPixel/s	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2 -667		4-4-11	
2835 MPixel/s	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2 -800		4-4-11 CR1	
2791 MPixel/s	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2 -667		5-5-15	
2537 MPixel/s	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM		7-7-20 CR2	
2370 MPixel/s	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2 -700		5-5-18 CR2	
2146 MPixel/s	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2 -667		5-5-15	
1902 MPixel/s	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2 -533FB		4-4-12	
1897 MPixel/s	2x E-350	1600 MHz	ASRock E350M1	A50M Int.			8-8-8	

				Navigation	DDR3-1066 SDRAM	20 CR1
1873 MPixel/s	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-190HD	RS600 Int.	Dual DDR2-800	5-5-18 CR2
1863 MPixel/s	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2-667FB	5-5-15
1854 MPixel/s	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2-667	5-5-15
1821 MPixel/s	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20 CR2
1672 MPixel/s	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5-3-3-7
1265 MPixel/s	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15 CR2
1219 MPixel/s	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-8 CR2
1094 MPixel/s	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-12
1074 MPixel/s	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-3-6 CR1
879 MPixel/s	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11 CR2
827 MPixel/s	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8 CR2

CPU ZLib

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
2482.4 Mo/s	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-18-38 CR1
1246.6 Mo/s		2600 MHz		C612		

	20x Xeon E5-2660 v3 HT		Supermicro X10DR1	Navigation	Octal DDR4-1866	13-13-13-31 CR1
987.4 Mo/s	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-24 CR1
753.9 Mo/s	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49 CR1
696.0 Mo/s	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35 CR1
670.9 Mo/s	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	11-11-11-28 CR1
575.4 Mo/s	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38 CR2
545.8 Mo/s	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-17-35 CR2
491.9 Mo/s	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39 CR2
458.2 Mo/s	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27 CR2
437.5 Mo/s	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79	Quad DDR3-1600	9-9-24 CR2
436.1 Mo/s	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-15-36 CR2
414.5 Mo/s	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4-2400	17-17-39
408.8 Mo/s	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4-2133	15-15-15-

						Navigation	
366.3 Mo/s	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2-800R	6-6-18 CR1	
361.2 Mo/s	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-24 CR1	
359.1 Mo/s	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4-2133	14-14-35 CR2	
357.6 Mo/s	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520	Hexa DDR3-1333	9-9-24 CR1	
346.5 Mo/s	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-35 CR1	
344.4 Mo/s	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3-1866	9-10-27 CR2	
325.1 Mo/s	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3-1600	11-11-28 CR1	
315.9 Mo/s	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3-1600	9-9-24 CR2	
309.3 Mo/s	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3-1600	11-11-28 CR1	
305.8 Mo/s	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3-1600	9-9-27 CR2	
305.1 Mo/s	4x Core i7-7700HQ HT	3400 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM	17-17-39 CR2	
286.2 Mo/s	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3-1333	9-9-24 CR1	
282.1 Mo/s	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB	5-5-15	
275.1 Mo/s	8x FX-8150	3600 MHz	Asus M5A97	AMD970			

Navigation					Dual DDR3 9-10-9-27 CR2
257.3 Mo/s	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3 -1333 9-9-24 CR2
244.3 Mo/s	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600	Unganged Quad DDR2-800R 6-6-18 CR1
221.1 Mo/s	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333 9-9-24 CR1
210.1 Mo/s	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3 -1600 11-11-28 CR1
189.4 Mo/s	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2 -533FB 4-4-12
187.9 Mo/s	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4 -2400 14-16-31 CR1
185.8 Mo/s	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3 -1866 9-10-27 CR2
183.8 Mo/s	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3 -2133 9-11-27 CR2
175.2 Mo/s	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3 -2133 9-11-31 CR2
174.6 Mo/s	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad DDR2-667R 5-5-15 CR1
167.5 Mo/s	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3 -1866 9-10-27 CR2
154.8 Mo/s	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2 -800 5-5-18 CR2
153.2 Mo/s		3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3 -1066 8-8-8

				Navigation		20 CR2
152.3 Mo/s	4x Core 2 Extreme QX9650	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.	Dual DDR3 -1333	9-9-24 CR1
136.6 Mo/s	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4 -2400	17-17-39
136.2 Mo/s	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2 -667	5-5-15
117.8 Mo/s	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2 -667FB	5-5-15
112.6 Mo/s	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2 -800	5-5-18 CR2
108.2 Mo/s	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3 -1333	9-9-24 CR1
105.9 Mo/s	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3 -1333	9-9-24 CR1
99.0 Mo/s	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3 -1866	11-11-32 CR1
97.5 Mo/s	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3 -1333	9-9-24 CR1
94.0 Mo/s	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.	DDR3-1600 SDRAM	11-11-28 CR2
84.2 Mo/s	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3 -1600	11-11-28 CR2
82.8 Mo/s	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-15 CR1
75.0 Mo/s	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2 -800	5-5-18 CR2
73.7 Mo/s	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2 -800	4-4-11 CR1

60.4 Mo/s	2x Pentium EE 955 HT	3466 MHz	Intel D955XDK	i955X	Dual DDR2 -667	4-4-11
57.5 Mo/s	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2 -667	5-5-15
57.3 Mo/s	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5-3-3-7
47.1 Mo/s	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2 -700	5-5-18 CR2
41.5 Mo/s	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-I90HD	RS600 Int.	Dual DDR2 -800	5-5-18 CR2
33.4 Mo/s	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM	7-7-20 CR2
32.3 Mo/s	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-20 CR1
32.3 Mo/s	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2 -667	5-5-15
31.6 Mo/s	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20 CR2
24.3 Mo/s	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-3-6 CR1
22.9 Mo/s	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-8 CR2
20.3 Mo/s	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2 -667	5-5-15
18.6 Mo/s	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-12
17.3 Mo/s	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11 CR2
16.3 Mo/s	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8 CR2
15.5 Mo/s	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15 CR2

CPU AES

Navigation

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL- RCD - RP - RAS
221321 Mo/s	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-18-38 CR1
70065 Mo/s	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49 CR1
65831 Mo/s	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-31 CR1
62427 Mo/s	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35 CR1
46878 Mo/s	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-9-24 CR1
38013 Mo/s	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	11-11-11-28 CR1
32495 Mo/s	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-15-35 CR1
29416 Mo/s	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38 CR2
27375 Mo/s	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-17-35 CR2
25191 Mo/s	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39 CR2
23202 Mo/s	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99		15-15-

					Navigation	Quad DDR4- 2133	15- 36 CR2
21100 Mo/s	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79		Quad DDR3- 1600	9-9- 9- 24 CR2
21094 Mo/s	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79		Quad DDR3- 1866	9- 10- 9- 27 CR2
20697 Mo/s	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.		Dual DDR4 -2133	15- 15- 15- 36 CR2
18235 Mo/s	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.		Dual DDR4 -2133	14- 14- 14- 35 CR2
17940 Mo/s	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton		Dual DDR4 -2400	17- 17- 17- 39
17323 Mo/s	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X		Dual DDR3 -1866	9- 10- 9- 27 CR2
16794 Mo/s	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.		Dual DDR3 -1600	9-9- 9- 27 CR2
16359 Mo/s	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.		Dual DDR3 -1600	11- 11- 11- 28 CR1
16321 Mo/s	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.		Dual DDR3 -1600	11- 11- 11- 28 CR1
15485 Mo/s	4x Core i7-7700HQ HT	3600 MHz	[TRIAL VERSION]	HM175 Int.		DDR4- 2400 SDRAM	17- 17- 17- 39 CR2
15416 Mo/s	8x FX-8150	3600 MHz	Asus M5A97	AMD970		Dual DDR3 -1866	9- 10- 9- 27 CR2
14452 Mo/s	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.		Dual DDR3 -1600	9-9- 9- 24 CR2
13675 Mo/s		3400 MHz	Asus P8P67	P67			

	4x Core i7-2600 HT			Navigation	Dual DDR3 -1333	9-9-24 CR1
12241 Mo/s	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-24 CR1
10360 Mo/s	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3 -1866	9-10-27 CR2
9820 Mo/s	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4 -2400	17-17-39
9143 Mo/s	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3 -2133	9-11-27 CR2
9032 Mo/s	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4 -2400	14-16-31 CR1
8528 Mo/s	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3 -2133	9-11-31 CR2
8435 Mo/s	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3 -1866	9-10-27 CR2
6544 Mo/s	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.	DDR3-1600 SDRAM	11-11-28 CR2
4925 Mo/s	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3 -1866	11-11-32 CR1
4052 Mo/s	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3 -1600	11-11-28 CR1
3780 Mo/s	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3 -1333	9-9-24 CR1
2908 Mo/s	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM	7-7-20 CR2

1929 Mo/s	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Navigation	Unganged Quad DDR2-800R	6-6-18 CR1
1617 Mo/s	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.		Dual DDR3-1600	11-11-28 CR2
1452 Mo/s	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.		DDR2-667 SDRAM	5-5-15 CR2
1332 Mo/s	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.		Unganged Dual DDR3-1333	9-9-24 CR2
1286 Mo/s	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600		Unganged Quad DDR2-800R	6-6-18 CR1
1235 Mo/s	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400		Quad DDR2-640FB	5-5-15
1152 Mo/s	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520		Hexa DDR3-1333	9-9-24 CR1
913 Mo/s	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600		Unganged Quad DDR2-667R	5-5-15 CR1
802 Mo/s	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.		Ganged Dual DDR2-800	5-5-18 CR2
791 Mo/s	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V		Dual DDR2-533FB	4-4-12
789 Mo/s	4x A8-3850	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.		Dual DDR3-1333	9-9-24 CR1
717 Mo/s	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58		Triple DDR3-1333	9-9-24 CR1
663 Mo/s	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35		Dual DDR3-1066	8-8-20 CR2
587 Mo/s	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770		Ganged Dual DDR2-800	5-5-18 CR2
566 Mo/s	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X		Dual DDR2-667	5-5-15
524 Mo/s	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420		Dual DDR3-1333	9-9-9

							Navigation	24
494 Mo/s	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2-667FB	5-5-5-15	CR1	
473 Mo/s	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-5-15	CR1	
421 Mo/s	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2-800	4-4-4-11	CR1	
387 Mo/s	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3-1333	9-9-9-24	CR1	
312 Mo/s	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2-800	5-5-5-18	CR2	
277 Mo/s	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2-667	4-4-4-11	CR1	
273 Mo/s	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2-700	5-5-5-18	CR2	
269 Mo/s	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5-3-3-7	CR1	
249 Mo/s	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2-667	5-5-5-15	CR1	
242 Mo/s	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-I90HD	RS600 Int.	Dual DDR2-800	5-5-5-18	CR2	
153 Mo/s	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-8-20	CR1	
148 Mo/s	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2-667	5-5-5-15	CR1	
144 Mo/s	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-3-6	CR1	
131 Mo/s	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-8	CR2	
109 Mo/s	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-4-11	CR2	
105 Mo/s	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8	CR2	

99 Mo/s	2x Atom D2500	1866 MHz	Intel Navigation D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20 CR2
85 Mo/s	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2-667	5-5-15
44 Mo/s	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-12

CPU Hash

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
82024 Mo/s	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-38 CR1
24187 Mo/s	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49 CR1
22151 Mo/s	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35 CR1
18465 Mo/s	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4-2400	17-17-39
14785 Mo/s	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-31 CR1
11084 Mo/s	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-15-35 CR1
9046 Mo/s	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	11-11-28 CR1
8720 Mo/s	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-24 CR1

7405 Mo/s	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38 CR2
7260 Mo/s	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-17-35 CR2
6023 Mo/s	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39 CR2
5372 Mo/s	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4-2400	17-17-17-39
5231 Mo/s	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-15-36 CR2
5207 Mo/s	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4-2133	15-15-15-36 CR2
5064 Mo/s	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3-1866	11-11-11-32 CR1
4784 Mo/s	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2-800R	6-6-6-18 CR1
4591 Mo/s	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4-2133	14-14-14-35 CR2
4368 Mo/s	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27 CR2
4103 Mo/s	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3-1866	9-10-9-27 CR2
3924 Mo/s	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79	Quad DDR3-1600	9-9-9-24 CR2
3910 Mo/s	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3-1600	11-11-11-

Navigation						28
3897 Mo/s	4x Core i7-7700HQ HT	3600 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM	CR1 17-17-17-39 CR2
3790 Mo/s	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3 -1600	9-9-27 CR2
3682 Mo/s	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3 -1600	11-11-11-28 CR1
3670 Mo/s	8x FX-8150	3600 MHz	Asus M5A97	AMD970	Dual DDR3 -1866	9-10-9-27 CR2
3605 Mo/s	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB	5-5-15
3409 Mo/s	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4 -2400	14-16-16-31 CR1
3304 Mo/s	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3 -1333	9-9-9-24 CR2
3188 Mo/s	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600	Unganged Quad DDR2-800R	6-6-18 CR1
3136 Mo/s	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-9-24 CR1
3095 Mo/s	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520	Hexa DDR3-1333	9-9-9-24 CR1
2992 Mo/s	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3 -1600	9-9-24 CR2
2620 Mo/s	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3 -2133	9-11-10-31 CR2
2544 Mo/s	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3 -1333	9-9-24 CR1
2460 Mo/s	6x FX-6100	3300 MHz		AMD990FX	Dual DDR3 -1866	9-10-

Mo/s	Processor	Freq.	Motherboard	GPU	RAM	Storage
2345	8x Xeon L5320	1866 MHz	Asus Sabertooth 990FX	i5000V	Dual DDR2 -533FB	9-27 CR2
2243	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad DDR2-667R	4-4-4-12 5-5-5-15 CR1
2165	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3 -2133	9-11-10-27 CR2
1989	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2 -800	5-5-5-18 CR2
1988	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3 -1866	9-10-9-27 CR2
1965	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3 -1600	11-11-11-28 CR1
1943	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3 -1066	8-8-8-20 CR2
1924	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333	9-9-9-24 CR1
1914	4x A8-3850	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.	Dual DDR3 -1333	9-9-24 CR1
1680	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2 -667	5-5-5-15
1656	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3 -1333	9-9-24 CR1
1464	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2 -667FB	5-5-5-15
1441	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2 -800	5-5-5-18 CR2
1101	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-5-15 CR1
999		2050 MHz		Yangtze Int.		

	4x Athlon 5350		ASRock AM1B-ITX Navigation		DDR3-1600 SDRAM	11-11-11-28 CR2
980 Mo/s	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2-800	4-4-11 CR1
976 Mo/s	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM	7-7-20 CR2
969 Mo/s	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3-1333	9-9-24 CR1
925 Mo/s	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2-800	5-5-18 CR2
912 Mo/s	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3-1333	9-9-24 CR1
829 Mo/s	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2-667	4-4-11
809 Mo/s	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5-3-3-7
787 Mo/s	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3-1600	11-11-11-28 CR2
730 Mo/s	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2-667	5-5-15
638 Mo/s	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2-700	5-5-18 CR2
549 Mo/s	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-I90HD	RS600 Int.	Dual DDR2-800	5-5-18 CR2
493 Mo/s	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15 CR2
443 Mo/s	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2-667	5-5-15
351 Mo/s	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20 CR2
335 Mo/s	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	

						Navigation	2-3-3-6 CR1
325 Mo/s	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-20 CR1	
306 Mo/s	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-8 CR2	
251 Mo/s	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2-667	5-5-15	
246 Mo/s	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11 CR2	
245 Mo/s	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8 CR2	
162 Mo/s	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-4-12	

FPU VP8

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
8444	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38 CR2
8057	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-17-35 CR2
7815	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49 CR1
7317	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4-2133	14-14-14-35 CR2
7238	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-

						Navigation	35
7176	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-18-38	CR1
6900	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39	CR2
6740	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4-2133	15-15-15-36	CR2
6604	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-13-31	CR1
6551	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27	CR2
6436	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-15-36	CR2
6351	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3-1600	9-9-9-27	CR2
6313	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3-1600	11-11-11-28	CR1
6301	4x Core i7-7700HQ HT	3400 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM	17-17-17-39	CR2
6280	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3-1600	11-11-11-28	CR1
6215	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79	Quad DDR3-1600	9-9-9-24	CR2
6128	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3-1600	9-9-9-24	CR2
5986		3600 MHz		A320			

	4x Ryzen 5 2400G HT		ASRock A320M Pro4 Navigation		Dual DDR4 -2933	16-15-15-35 CR1
5864	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-24 CR1
5653	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3 -1333	9-9-24 CR1
5435	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-24 CR1
5044	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB	5-5-15
4730	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333	9-9-24 CR1
4721	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3 -1866	9-9-27 CR2
4523	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3 -1333	9-9-24 CR2
4513	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520	Hexa DDR3-1333	9-9-24 CR1
4359	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4 -2400	14-16-16-31 CR1
4087	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4 -2400	17-17-39
3990	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3 -1333	9-9-24 CR1
3902	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2-800R	6-6-18 CR1
3889	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3 -2133	9-11-10-31 CR2
3838	8x FX-8150	3600 MHz	Asus M5A97	AMD970		

					Navigation	Dual DDR3 9-10-9-27 CR2
3741	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3 -1066	8-8-20 CR2
3665	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600	Unganged Quad DDR2-800R	6-6-18 CR1
3447	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3 -2133	11-10-27 CR2
3392	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4 -2400	17-17-39
3344	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3 -1866	10-9-27 CR2
3275	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2 -800	5-5-18 CR2
3275	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3 -1866	10-9-27 CR2
3233	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3 -1333	9-9-24 CR1
3192	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3 -1600	11-11-28 CR1
3161	4x A8-3850	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.	Dual DDR3 -1333	9-9-24 CR1
3139	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	11-11-28 CR1
2693	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2 -667	5-5-15
2497	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2 -533FB	4-4-12

2475	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro- 3600	Unganged Quad DDR2- 667R	5-5- 5- 15 CR1
2394	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2 -800	5-5- 5- 18 CR2
2348	4x Athlon 5350	2050 MHz	ASRock AM1B- ITX	Yangtze Int.	DDR3- 1600 SDRAM	11- 11- 11- 28 CR2
2347	4x Celeron J3455	1500 MHz	ASRock J3455B -ITX	ApolloLakeD Int.	Dual DDR3 -1866	11- 11- 11- 32 CR1
2314	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2 -667FB	5-5- 5- 15 9-9-
2015	4x Celeron J1900	2000 MHz	Gigabyte GA- J1900N-D3V	BayTrailD Int.	Dual DDR3 -1333	9- 24 CR1
1854	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3 -1600	11- 11- 11- 28 CR2
1814	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2 -800	4-4- 4- 11 CR1
1793	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2 -800	5-5- 5- 18 CR2
1760	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2 -667	5-5- 5- 15
1693	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2- 600R	5-5- 5- 15 CR1
1351	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G- HDready	nForce7050- 630a Int.	Dual DDR2 -700	5-5- 5- 18 CR2
1160	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2 -667	4-4- 4- 11
1135	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5- 3-3- 7
1125	Nano X2 L4350	1600 MHz	VIA EPIA- M900	VX900H Int.	DDR3- 1066 SDRAM	7-7- 7- 20 CR2
1055		2800 MHz		RS600 Int.		

	2x Pentium D 820		Abit Fatal1ty F-190HD	Navigation	Dual DDR2 -800	5-5-18 CR2
952	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2 -667	5-5-15
837	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-20 CR1
805	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-8 CR2
783	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20 CR2
685	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2 -667	5-5-15
663	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8 CR2
617	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-3-6 CR1
581	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11 CR2
508	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-12
490	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15 CR2

FPU Julia

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
140872	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-18-38 CR1
111155	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-13-

						Navigation	31
66005	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-17-35	CR1
62494	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-24	CR1
54899	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38	CR2
40815	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49	CR1
40351	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-15-36	CR2
38568	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4-2133	15-15-15-36	CR2
38478	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35	CR1
36091	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39	CR2
34006	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4-2133	14-14-14-35	CR2
30205	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	11-11-11-28	CR1
28484	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27	CR2
28109	4x Core i7-7700HQ HT	3500 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM	17-17-17-39	CR2

26896	6x Core i7-3960X Extreme HT	3300 MHz	Navigation Intel DX79SI	X79	Quad DDR3-1600	9-9-24 CR2
26854	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3-1600	9-9-27 CR2
26835	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3-1600	11-11-28 CR1
24770	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3-1600	11-11-28 CR1
19518	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3-1600	9-9-24 CR2
18873	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-35 CR1
18483	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3-1333	9-9-24 CR1
18309	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2-800R	6-6-18 CR1
17996	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-24 CR1
17672	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520	Hexa DDR3-1333	9-9-24 CR1
15946	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4-2400	17-17-39
15295	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB	5-5-15
13502	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3-1866	9-10-27 CR2
12636	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3-1333	9-9-24 CR2
12207		2400 MHz				

	8x Opteron 2378		Tyan Thunder n3600K	nForcePro-3600	Unganged Quad DDR2-800R	6-6-18 CR1
11909	8x FX-8150	3600 MHz	Asus M5A97	AMD970	Dual DDR3-1866	9-10-9-27 CR2
11059	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333	9-9-24 CR1
8959	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2-533FB	4-4-4-12
8747	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3-1600	11-11-28 CR1
8686	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad DDR2-667R	5-5-15 CR1
8202	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3-1066	8-8-20 CR2
8070	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3-1333	9-9-24 CR1
7960	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3-1866	9-10-27 CR2
7606	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2-800	5-5-18 CR2
7434	4x A8-3850	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.	Dual DDR3-1333	9-9-24 CR1
7008	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3-2133	9-11-10-27 CR2
6991	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4-2400	14-16-16-31 CR1
6466	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3-1866	9-10-9-

						Navigation	27
6408	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2 -667	5-5-5-15	CR2
6224	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3 -2133	11-10-31	CR2
6179	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4 -2400	17-17-39	
5653	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3 -1866	11-11-32	CR1
5589	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2 -667FB	5-5-5-15	
5579	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2 -800	5-5-18	CR2
5551	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3 -1333	9-9-24	CR1
5236	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.	DDR3-1600 SDRAM	11-11-28	CR2
4058	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3 -1333	9-9-24	CR1
3533	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2 -800	5-5-18	CR2
3496	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3 -1600	11-11-28	CR2
3080	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2 -667	5-5-15	
2442	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2 -667	4-4-11	
2392	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5-3-3-7	
2308	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-5-	

						Navigation	15
2053	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2 -800	4-4-11 CR1	
1988	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-I90HD	RS600 Int.	Dual DDR2 -800	5-5-18 CR2	
1865	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM	7-7-20 CR2	
1338	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2 -700	5-5-18 CR2	
1307	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2 -667	5-5-15	
1118	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20 CR2	
959	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2 -667	5-5-15	
914	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-20 CR1	
893	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11 CR2	
796	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15 CR2	
702	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-3-6 CR1	
641	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-8 CR2	
589	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-4-12	
513	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8 CR2	

FPU Mandel

Navigation						CL- RCD -RP - RAS
	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	
74301	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-18-38 CR1
54582	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-13-31 CR1
36377	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-17-35 CR2
32982	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-9-24 CR1
29536	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38 CR2
21651	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-15-36 CR2
21331	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49 CR1
20757	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4-2133	15-15-15-36 CR2
20167	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35 CR1
19157	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39 CR2
18301	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4-2133	14-14-14-35 CR2

15406	32x Opteron 6274	2200 MHz	Supermicro H8DGI+-F	Navigation SR5690	Octal DDR3-1600R	11-11-11-28 CR1
15095	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27 CR2
14431	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3-1600	9-9-27 CR2
14418	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3-1600	11-11-11-28 CR1
14257	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79	Quad DDR3-1600	9-9-9-24 CR2
14154	4x Core i7-7700HQ HT	3500 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM	17-17-17-39 CR2
12557	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3-1600	11-11-11-28 CR1
10343	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3-1600	9-9-24 CR2
9873	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-15-35 CR1
9788	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3-1333	9-9-24 CR1
9319	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2-800R	6-6-18 CR1
8672	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-9-24 CR1
8613	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520	Hexa DDR3-1333	9-9-9-24 CR1
8068	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400		

					Navigation	Quad DDR2- 640FB	5-5- 5- 15 17- 17- 17- 39 9- 10- 9- 27 CR2
7274	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4 -2400	9-9- 9- 24 CR2	
6910	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3 -1866	6-6- 6- 18 CR1	
6434	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA- 890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3 -1333	9-9- 9- 24 CR2	
6212	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro- 3600	Unganged Quad DDR2- 800R	9-9- 9- 24 CR1	
6085	8x FX-8150	3600 MHz	Asus M5A97	AMD970	Dual DDR3 -1866	9-9- 9- 24 CR1	
5363	4x Core i7- 965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3- 1333	4-4- 4- 12	
4625	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2 -533FB	5-5- 5- 15 CR1	
4419	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro- 3600	Unganged Quad DDR2- 667R	8-8- 8- 20 CR2	
4335	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA- EP35C-DS3R	P35	Dual DDR3 -1066	9-9- 9- 24 CR1	
4180	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3 -1333	9-9- 9- 27 CR2	
4072	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3 -1866	9-9- 9- 24 CR1	
3973	4x A8-3850	2900 MHz	Gigabyte GA- A75M-UD2H	A75 Int.	Dual DDR3 -1333	5-5- 5- 18 CR2	
3874	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78- EM	GeForce8300 Int.	Ganged Dual DDR2 -800	14- 16- 16-	
3650	4x A12- 9800	3800 MHz	Gigabyte GA- AB350M- Gaming 3	B350 Int.	Dual DDR4 -2400		

						Navigation	31
3455	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3-2133	CR2	9-11-10-27
3357	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4-2400	CR2	17-17-39
3314	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2-667	CR2	5-5-15
3156	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3-2133	CR2	9-11-10-31
3119	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3-1866	CR2	10-9-27
3065	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3-1866	CR1	11-11-32
2982	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3-1600	CR1	11-11-28
2889	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2-667FB	CR2	5-5-15
2840	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2-800	CR2	5-5-18
2675	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3-1333	CR1	9-9-24
2336	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.	DDR3-1600 SDRAM	CR2	11-11-28
1823	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2-800	CR2	5-5-18
1626	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2-667	CR2	5-5-15
1482	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2-667	CR2	4-4-4

1449	2x Xeon HT	3400 MHz	Intel SE7320SP2	Navigation iE7320	Dual DDR333R	2.5-3-3-7
1383	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3-1333	9-9-24 CR1
1192	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3-1600	11-11-28 CR2
1182	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-15 CR1
1061	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-I90HD	RS600 Int.	Dual DDR2-800	5-5-18 CR2
1051	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2-800	4-4-11 CR1
856	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM	7-7-20 CR2
795	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2-667	5-5-15
685	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2-700	5-5-18 CR2
494	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2-667	5-5-15
476	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11 CR2
427	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-20 CR1
407	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15 CR2
401	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20 CR2
360	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-6 CR1
328	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-

						Navigation	8
263	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8	CR2
193	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-4-12	CR2

FPU SinJulia

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
46557	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-18-38 CR1
18481	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-13-31 CR1
16035	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-9-24 CR1
13546	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49 CR1
12648	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35 CR1
7785	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38 CR2
7473	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-9-24 CR1
7275	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27 CR2
7214		3300 MHz	Intel DX79SI	X79		9-9-9-9

	6x Core i7-3960X Extreme HT		Navigation		Quad DDR3-1600	24 CR2
7206	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15-17-17-35 CR2
7116	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39 CR2
6993	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520	Hexa DDR3-1333	9-9-24 CR1
6821	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	11-11-11-28 CR1
6513	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-15-36 CR2
6275	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-15-35 CR1
5470	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4-2133	15-15-15-36 CR2
4984	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3-1600	9-9-24 CR2
4824	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4-2133	14-14-14-35 CR2
4720	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3-1600	9-9-27 CR2
4677	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3-1333	9-9-24 CR1
4658	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2-800R	6-6-6-18 CR1
4617	4x Core i7-5775C HT	3300 MHz		Z97 Int.	Dual DDR3-1600	11-11-

				Gigabyte GA-Z97MX-Gaming 5			11-28 CR1
4588	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3-1600		11-11-11-28 CR1
4561	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333		9-9-9-24 CR1
4138	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB		5-5-5-15
4095	4x Core i7-7700HQ HT	3500 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM		17-17-17-39 CR2
3542	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4-2400		17-17-17-39
3213	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3-1333		9-9-9-24 CR2
3100	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600	Unganged Quad DDR2-800R		6-6-6-18 CR1
2832	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3-1866		9-10-9-27 CR2
2644	8x FX-8150	3600 MHz	Asus M5A97	AMD970	Dual DDR3-1866		9-10-9-27 CR2
2590	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2-533FB		4-4-4-12
2305	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3-1333		9-9-9-24 CR1
2266	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3-1333		9-9-9-24 CR1
2222	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3-1066		8-8-8-20 CR2
2211	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad		5-5-5-

					Navigation	DDR2-667R	15 CR1
2042	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3-1600	11-11-11-28 CR1	
1934	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2-800	5-5-18 CR2	
1872	4x A8-3850	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.	Dual DDR3-1333	9-9-24 CR1	
1856	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2-667	5-5-15 CR2	
1740	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3-1866	9-9-27 CR2	
1618	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2-667FB	5-5-15 CR2	
1577	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4-2400	14-16-16-31 CR1	
1483	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3-2133	9-11-10-31 CR2	
1479	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3-2133	9-11-10-27 CR2	
1421	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2-800	5-5-18 CR2	
1376	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3-1866	9-10-9-27 CR2	
1260	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.	DDR3-1600 SDRAM	11-11-11-28 CR2	
1178	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-15 CR1	
1171		1500 MHz					

	4x Celeron J4105		ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4 -2400	17-17-17-39
1049	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2 -800	4-4-11 CR1
1021	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2 -800	5-5-18 CR2
973	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3 -1866	11-11-32 CR1
959	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2 -667	4-4-11
948	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3 -1333	9-9-24 CR1
942	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5-3-3-7
834	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2 -667	5-5-15
812	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3 -1600	11-11-28 CR2
683	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2 -700	5-5-18 CR2
516	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2 -667	5-5-15
506	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-20 CR1
452	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-I90HD	RS600 Int.	Dual DDR2 -800	5-5-18 CR2
359	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-3-6 CR1
327	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-8 CR2
285	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM	7-7-7

						20 CR2
						5-5- 5- 15
Navigation						
277	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2-667	7-7- 7- 20 CR2
262	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	2.5- 3-3- 8 CR2
262	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	4-4- 4- 12
205	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4- 4- 11 CR2
203	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	5-5- 5- 15 CR2
132	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	

FP32 Ray-Trace

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
27198 KRay/s	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16- 18- 18- 38 CR1
18436 KRay/s	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13- 13- 31 CR1
15806 KRay/s	6x Core i7-7800X HT	3500 MHz	Gigabyte X299 UD4	X299	Quad DDR4-2667	15- 17- 17- 35 CR2
11802 KRay/s	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16- 18- 18- 38 CR2
11357 KRay/s	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9- 9- 24 CR1

8350 KRay/s	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4 -2933	16-20-21-49 CR1
8277 KRay/s	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4 -2133	15-15-36 CR2
7483 KRay/s	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39 CR2
7407 KRay/s	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4 -2667	16-17-17-35 CR1
7300 KRay/s	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-36 CR2
7269 KRay/s	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4 -2133	14-14-14-35 CR2
5991 KRay/s	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	11-11-11-28 CR1
5710 KRay/s	4x Core i7-7700HQ HT	3500 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM	17-17-17-39 CR2
5198 KRay/s	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27 CR2
4853 KRay/s	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3 -1600	9-9-27 CR2
4852 KRay/s	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79	Quad DDR3-1600	9-9-9-24 CR2
4847 KRay/s	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3 -1600	11-11-11-28 CR1
4825 KRay/s	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3 -1600	11-11-11-

Navigation							28
3736 KRay/s	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4 -2933	16-15-15-35	CR1
3562 KRay/s	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3 -1600	9-24	CR2
3361 KRay/s	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3 -1333	9-24	CR1
2868 KRay/s	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2-800R	6-6-18	CR1
2654 KRay/s	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-24	CR1
2580 KRay/s	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3 -1866	10-9-27	CR2
2558 KRay/s	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520	Hexa DDR3-1333	9-9-24	CR1
2556 KRay/s	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4 -2400	17-17-39	
2553 KRay/s	8x FX-8150	3600 MHz	Asus M5A97	AMD970	Dual DDR3 -1866	10-9-27	CR2
2187 KRay/s	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB	5-5-15	
1982 KRay/s	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3 -1333	9-9-24	CR2
1911 KRay/s	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600	Unganged Quad DDR2-800R	6-6-18	CR1
1645 KRay/s	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3 -1866	10-9-27	CR2
1616 KRay/s	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333	9-9-9	

Navigation						24
1545 KRay/s	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4-2400	CR1 14-16-16-31
1377 KRay/s	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3-2133	CR1 9-11-10-31
1362 KRay/s	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3-2133	CR2 9-11-10-27
1316 KRay/s	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2-533FB	4-4-4-12
1230 KRay/s	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3-1866	CR2 9-10-9-27
1215 KRay/s	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad DDR2-667R	5-5-5-15 CR1
1212 KRay/s	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3-1600	CR1 11-11-11-28
1179 KRay/s	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3-1066	CR2 8-8-8-20
1161 KRay/s	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2-800	CR2 5-5-5-18
1130 KRay/s	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3-1333	CR1 9-9-9-24
1105 KRay/s	4x A8-3850	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.	Dual DDR3-1333	CR1 9-9-9-24
981 KRay/s	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4-2400	17-17-17-39
977 KRay/s	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2-667	5-5-5-15
851 KRay/s	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2-667FB	5-5-5-15

801 KRay/s	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Navigation Q57 Int.	Dual DDR3 -1333	9-9-24 CR1
788 KRay/s	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2 -800	5-5-18 CR2
782 KRay/s	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3 -1866	11-11-32 CR1
771 KRay/s	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.	DDR3-1600 SDRAM	11-11-28 CR2
573 KRay/s	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3 -1333	9-9-24 CR1
526 KRay/s	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2 -800	5-5-18 CR2
524 KRay/s	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3 -1600	11-11-28 CR2
452 KRay/s	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2 -667	5-5-15
371 KRay/s	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2 -667	4-4-11
355 KRay/s	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5-3-3-7
319 KRay/s	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-15 CR1
299 KRay/s	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2 -800	4-4-11 CR1
272 KRay/s	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-190HD	RS600 Int.	Dual DDR2 -800	5-5-18 CR2
268 KRay/s	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM	7-7-20 CR2
203 KRay/s	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2 -667	5-5-15
195 KRay/s		2100 MHz				

	2x Athlon64 X2 4000+		ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2 -700	5-5-18 CR2
165 KRay/s	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20 CR2
144 KRay/s	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2 -667	5-5-15
130 KRay/s	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-20 CR1
123 KRay/s	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11 CR2
117 KRay/s	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15 CR2
105 KRay/s	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-3-6 CR1
95 KRay/s	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-4-12
92 KRay/s	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3-8 CR2
70 KRay/s	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3-8 CR2

FP64 Ray-Trace

	Processeur	Vitesse d'horloge du processeur	Carte mère	Chipset	Mémoire	CL-RCD-RP-RAS
14528 KRay/s	32x Ryzen Threadripper 2990WX HT	3000 MHz	MSI MEG X399 Creation	X399	Quad DDR4-2933	16-18-18-38 CR1
9946 KRay/s	20x Xeon E5-2660 v3 HT	2600 MHz	Supermicro X10DRi	C612	Octal DDR4-1866	13-13-31 CR1
8762 KRay/s		3500 MHz		X299		

	6x Core i7-7800X HT		Gigabyte X299 UD4 Navigation		Quad DDR4-2667	15-17-17-35 CR2
6416 KRay/s	6x Core i7-8700K HT	3700 MHz	Gigabyte Z370 Aorus Gaming 7	Z370 Int.	Dual DDR4-2667	16-18-18-38 CR2
5974 KRay/s	16x Xeon E5-2670 HT	2600 MHz	Supermicro X9DR6-F	C600	Octal DDR3-1333	9-9-9-24 CR1
4576 KRay/s	4x Core i7-7700K HT	4200 MHz	ASRock Z270 Extreme4	Z270 Ext.	Dual DDR4-2133	15-15-15-36 CR2
4194 KRay/s	8x Ryzen 7 2700X HT	3700 MHz	Asus Crosshair VII Hero	X470	Dual DDR4-2933	16-20-21-49 CR1
4133 KRay/s	6x Core i7-6850K HT	3600 MHz	Asus Strix X99 Gaming	X99	Quad DDR4-2400	16-16-16-39 CR2
4067 KRay/s	6x Core i7-5820K HT	3300 MHz	Gigabyte GA-X99-UD4	X99	Quad DDR4-2133	15-15-15-36 CR2
4010 KRay/s	4x Core i7-6700K HT	4000 MHz	Gigabyte GA-Z170X-UD3	Z170 Int.	Dual DDR4-2133	14-14-14-35 CR2
3997 KRay/s	8x Ryzen 7 1800X HT	3600 MHz	Asus Crosshair VI Hero	X370	Dual DDR4-2667	16-17-17-35 CR1
3252 KRay/s	32x Opteron 6274	2200 MHz	Supermicro H8DGI-F	SR5690	Octal DDR3-1600R	11-11-11-28 CR1
3066 KRay/s	4x Core i7-7700HQ HT	3400 MHz	[TRIAL VERSION]	HM175 Int.	DDR4-2400 SDRAM	17-17-17-39 CR2
2804 KRay/s	6x Core i7-4930K HT	3400 MHz	Gigabyte GA-X79-UD3	X79	Quad DDR3-1866	9-10-9-27 CR2
2706 KRay/s	4x Core i7-4770 HT	3400 MHz	Intel DZ87KLT-75K	Z87 Int.	Dual DDR3-1600	9-9-9-9

Navigation						27
2704 KRay/s	4x Xeon E3-1245 v3 HT	3400 MHz	Supermicro X10SAE	C226 Int.	Dual DDR3-1600	CR2 11-11-11-11-28 CR1
2636 KRay/s	6x Core i7-3960X Extreme HT	3300 MHz	Intel DX79SI	X79	Quad DDR3-1600	9-9-9-24 CR2
2604 KRay/s	4x Core i7-5775C HT	3300 MHz	Gigabyte GA-Z97MX-Gaming 5	Z97 Int.	Dual DDR3-1600	11-11-11-28 CR1
1960 KRay/s	4x Ryzen 5 2400G HT	3600 MHz	ASRock A320M Pro4	A320	Dual DDR4-2933	16-15-15-35 CR1
1916 KRay/s	4x Core i7-3770K HT	3500 MHz	MSI Z77A-GD55	Z77 Int.	Dual DDR3-1600	9-9-24 CR2
1815 KRay/s	4x Core i7-2600 HT	3400 MHz	Asus P8P67	P67	Dual DDR3-1333	9-9-24 CR1
1560 KRay/s	12x Opteron 2431	2400 MHz	Supermicro H8DI3+-F	SR5690	Unganged Quad DDR2-800R	6-6-6-18 CR1
1457 KRay/s	6x Core i7-990X Extreme HT	3466 MHz	Intel DX58SO2	X58	Triple DDR3-1333	9-9-9-24 CR1
1393 KRay/s	8x FX-8350	4000 MHz	Asus M5A99X Evo R2.0	AMD990X	Dual DDR3-1866	9-10-9-27 CR2
1378 KRay/s	8x Xeon X5550 HT	2666 MHz	Supermicro X8DTN+	i5520	Hexa DDR3-1333	9-9-9-24 CR1
1367 KRay/s	16x Atom C3958	2000 MHz	Supermicro A2SDi-H-TP4F	Denverton	Dual DDR4-2400	17-17-39
1312 KRay/s	8x FX-8150	3600 MHz	Asus M5A97	AMD970	Dual DDR3-1866	9-10-9-27 CR2
1157 KRay/s	8x Xeon E5462	2800 MHz	Intel S5400SF	i5400	Quad DDR2-640FB	5-5-5-15
1040 KRay/s	8x Opteron 2378	2400 MHz	Tyan Thunder n3600R	nForcePro-3600	Unganged Quad	6-6-6-

					Navigation	DDR2-800R	18 CR1
1038 KRay/s	6x Phenom II X6 Black 1100T	3300 MHz	Gigabyte GA-890GPA-UD3H v2	AMD890GX Int.	Unganged Dual DDR3 -1333	9-9-24 CR2	9-9-24 CR2
893 KRay/s	4x Core i7-965 Extreme HT	3200 MHz	Asus P6T Deluxe	X58	Triple DDR3-1333	9-9-24 CR1	9-9-24 CR1
874 KRay/s	6x FX-6100	3300 MHz	Asus Sabertooth 990FX	AMD990FX	Dual DDR3 -1866	9-10-27 CR2	9-10-27 CR2
853 KRay/s	4x A12-9800	3800 MHz	Gigabyte GA-AB350M-Gaming 3	B350 Int.	Dual DDR4 -2400	14-16-31 CR1	14-16-31 CR1
736 KRay/s	4x A10-6800K	4100 MHz	Gigabyte GA-F2A85X-UP4	A85X Int.	Dual DDR3 -2133	9-11-27 CR2	9-11-27 CR2
715 KRay/s	8x Xeon L5320	1866 MHz	Intel S5000VCL	i5000V	Dual DDR2 -533FB	4-4-12	4-4-12
712 KRay/s	4x A10-7850K	3700 MHz	Gigabyte GA-F2A88XM-D3H	A88X Int.	Dual DDR3 -2133	9-11-31 CR2	9-11-31 CR2
670 KRay/s	8x Opteron 2344 HE	1700 MHz	Supermicro H8DME-2	nForcePro-3600	Unganged Quad DDR2-667R	5-5-15 CR1	5-5-15 CR1
667 KRay/s	4x A10-5800K	3800 MHz	Asus F2A55-M	A55 Int.	Dual DDR3 -1866	9-10-27 CR2	9-10-27 CR2
626 KRay/s	4x Phenom II X4 Black 940	3000 MHz	Asus M3N78-EM	GeForce8300 Int.	Ganged Dual DDR2 -800	5-5-18 CR2	5-5-18 CR2
624 KRay/s	4x A8-3850	2900 MHz	Gigabyte GA-A75M-UD2H	A75 Int.	Dual DDR3 -1333	9-9-24 CR1	9-9-24 CR1
623 KRay/s	4x Xeon X3430	2400 MHz	Supermicro X8SIL-F	i3420	Dual DDR3 -1333	9-9-24 CR1	9-9-24 CR1
615 KRay/s	4x Core 2 Extreme QX9650	3000 MHz	Gigabyte GA-EP35C-DS3R	P35	Dual DDR3 -1066	8-8-20 CR2	8-8-20 CR2
541 KRay/s	4x Celeron J4105	1500 MHz	ASRock J4105-ITX	GeminiLakeD Int.	Dual DDR4 -2400	17-17-	17-17-

						Navigation	17-39
535 KRay/s	4x Core 2 Extreme QX6700	2666 MHz	Intel D975XBX2	i975X	Dual DDR2 -667	5-5-5-15	
466 KRay/s	4x Xeon 5140	2333 MHz	Intel S5000VSA	i5000V	Dual DDR2 -667FB	5-5-5-15	
459 KRay/s	8x Atom C2750	2400 MHz	Supermicro A1SAi-2750F	Avoton	Dual DDR3 -1600	11-11-11-28 CR1	
452 KRay/s	4x Phenom X4 9500	2200 MHz	Asus M3A	AMD770	Ganged Dual DDR2 -800	5-5-5-18 CR2	
443 KRay/s	2x Core i5-650 HT	3200 MHz	Supermicro C7SIM-Q	Q57 Int.	Dual DDR3 -1333	9-9-9-24 CR1	
433 KRay/s	4x Athlon 5350	2050 MHz	ASRock AM1B-ITX	Yangtze Int.	DDR3-1600 SDRAM	11-11-11-28 CR2	
427 KRay/s	4x Celeron J3455	1500 MHz	ASRock J3455B-ITX	ApolloLakeD Int.	Dual DDR3 -1866	11-11-11-32 CR1	
288 KRay/s	2x Core 2 Extreme X6800	2933 MHz	Abit AB9	P965	Dual DDR2 -800	5-5-18 CR2	
236 KRay/s	2x Core 2 Duo P8400	2266 MHz	MSI MegaBook PR201	GM45 Int.	Dual DDR2 -667	5-5-5-15	
211 KRay/s	4x Celeron J1900	2000 MHz	Gigabyte GA-J1900N-D3V	BayTrailD Int.	Dual DDR3 -1333	9-9-9-24 CR1	
205 KRay/s	2x Pentium EE 955 HT	3466 MHz	Intel D955XBK	i955X	Dual DDR2 -667	4-4-4-11	
198 KRay/s	2x Xeon HT	3400 MHz	Intel SE7320SP2	iE7320	Dual DDR333R	2.5-3-3-7	
193 KRay/s	4x Opteron 2210 HE	1800 MHz	Tyan Thunder h2000M	BCM5785	Quad DDR2-600R	5-5-15 CR1	
185 KRay/s	4x Celeron N3150	1600 MHz	ASRock N3150B-ITX	Braswell Int.	Dual DDR3 -1600	11-11-11-28 CR2	
176 KRay/s	2x Athlon64 X2 Black 6400+	3200 MHz	MSI K9N SLI Platinum	nForce570SLI	Dual DDR2 -800	4-4-4-	

							Navigation	11
138 KRay/s	2x Pentium D 820	2800 MHz	Abit Fatal1ty F-190HD	RS600 Int.	Dual DDR2-800	5-5-18	CR2	5-5-18
120 KRay/s	Nano X2 L4350	1600 MHz	VIA EPIA-M900	VX900H Int.	DDR3-1066 SDRAM	7-7-20	CR2	7-7-20
112 KRay/s	2x Athlon64 X2 4000+	2100 MHz	ASRock ALiveNF7G-HDready	nForce7050-630a Int.	Dual DDR2-700	5-5-18	CR2	5-5-18
109 KRay/s	P4EE HT	3733 MHz	Intel SE7230NH1LX	iE7230	Dual DDR2-667	5-5-15		5-5-15
80 KRay/s	2x E-350	1600 MHz	ASRock E350M1	A50M Int.	DDR3-1066 SDRAM	8-8-20	CR1	8-8-20
73 KRay/s	Celeron 420	1600 MHz	Intel DQ965GF	Q965 Int.	Dual DDR2-667	5-5-15		5-5-15
62 KRay/s	Celeron D 326	2533 MHz	ASRock 775Twins-HDTV	RC410 Ext.	DDR2-533 SDRAM	4-4-11	CR2	4-4-11
59 KRay/s	Opteron 248	2200 MHz	MSI K8T Master1-FAR	K8T800	Dual DDR266R	2-3-3	CR1	2-3-3
56 KRay/s	Nano L2200	1600 MHz	VIA VB8001	CN896 Int.	DDR2-667 SDRAM	5-5-15	CR2	5-5-15
54 KRay/s	Athlon64 3200+	2000 MHz	ASRock 939S56-M	SiS756	Dual DDR400	2.5-3-3	CR2	2.5-3-3
46 KRay/s	2x Atom D2500	1866 MHz	Intel D2500CC	NM10 Int.	DDR3-1066 SDRAM	7-7-20	CR2	7-7-20
43 KRay/s	Sempron 2600+	1600 MHz	ASRock K8NF4G-SATA2	GeForce6100 Int.	DDR400 SDRAM	2.5-3-3	CR2	2.5-3-3
28 KRay/s	Atom 230 HT	1600 MHz	Intel D945GCLF	i945GC Int.	DDR2-533 SDRAM	4-4-4	CR2	4-4-4

Debug - PCI

B00 D00
F00: Intel Kaby Lake-H - Host Bridge/DRAM Controller

Offset 000: 86 80 10 59 06 00 90 20 05 00 00 06 00 00 00 00
 Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 E0 00 00 00 00 00 00 00 00 00 00 00
 Offset 040: 01 90 D1 FE 00 00 00 00 01 00 D1 FE 00 00 00 00
 Offset 050: C1 02 00 00 39 00 00 00 47 00 F0 7F 01 00 40 7B
 Offset 060: 01 00 00 E0 00 00 00 00 01 80 D1 FE 00 00 00 00
 Offset 070: 00 00 00 FF 01 00 00 00 00 0C 00 FF 7F 00 00 00
 Offset 080: 11 11 11 11 11 11 11 00 1A 00 00 00 00 00 00 00
 Offset 090: 01 00 00 FF 01 00 00 00 01 00 F0 7E 02 00 00 00
 Offset 0A0: 01 00 00 00 02 00 00 00 01 00 00 7F 02 00 00 00
 Offset 0B0: 01 00 00 7C 01 00 80 7B 01 00 40 7B 01 00 00 80
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0E0: 09 00 10 01 59 20 01 62 DC 00 E4 94 00 C0 04 00
 Offset 0F0: 00 00 00 00 C8 0F 09 00 00 00 00 00 00 00 00 00

B00 D01
 F00: Intel Kaby Lake-H - PCI Express x16 Controller

Offset 000: 86 80 01 19 07 04 10 00 05 00 04 06 10 00 81 00
 Offset 010: 00 00 00 00 00 00 00 00 00 01 01 00 E0 E0 00 00
 Offset 020: 00 DE 00 DF 01 C0 F1 D1 00 00 00 00 00 00 00 00
 Offset 030: 00 00 00 00 88 00 00 00 00 00 00 00 0B 01 00 00
 Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 070: 00 00 00 00 00 00 00 00 00 62 17 00 00 00 00 0A
 Offset 080: 01 90 03 C8 08 00 00 00 0D 80 00 00 62 14 D5 11
 Offset 090: 05 A0 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0A0: 10 00 42 01 01 80 00 00 20 00 00 00 03 AD 61 02
 Offset 0B0: 40 00 03 D1 80 25 0C 00 00 00 48 00 00 00 00 00
 Offset 0C0: 00 00 00 00 80 0B 08 00 00 64 00 00 0E 00 00 00
 Offset 0D0: 43 00 1E 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0F0: 00 60 01 30 4E 01 01 20 00 00 00 00 E0 00 10 00

B00 D02
 F00: Intel Kaby Lake-H GT2 - Integrated Graphics Controller

Offset 000: 86 80 1B 59 07 04 10 00 04 00 00 03 10 00 00 00
 Offset 010: 04 00 00 DD 00 00 00 00 0C 00 00 B0 00 00 00 00
 Offset 020: 01 F0 00 00 00 00 00 00 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 00 01 00 00
 Offset 040: 09 70 0C 01 59 20 01 62 DC 00 E4 94 00 00 00 00
 Offset 050: C1 02 00 00 39 00 00 00 00 00 00 00 01 00 00 7C
 Offset 060: 00 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 070: 10 AC 92 00 00 80 00 10 00 00 00 00 00 00 00 00
 Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 05 D0 01 00

Offset 0B0: 0C F0 EF FE 61 49 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 01 00 22 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0E0: 00 00 00 00 00 00 00 00 00 80 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 18 C0 CB 7A

B00 D14 Intel Sunrise Point PCH - USB 3.0 xHCI Controller [D1]
 F00:

Offset 000: 86 80 2F A1 06 04 90 02 31 30 03 0C 00 00 80 00
 Offset 010: 04 00 41 DF 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 70 00 00 00 00 00 00 00 00 01 00 00
 Offset 040: FD 01 34 80 88 C6 0F 80 00 00 00 00 00 00 00 00
 Offset 050: 5F 6E CE 0F 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 060: 30 60 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 070: 01 80 C2 C1 08 00 00 00 00 00 00 00 00 00 00 00
 Offset 080: 05 00 87 00 0C F0 EF FE 00 00 00 00 51 49 00 00
 Offset 090: 09 00 14 F0 10 00 40 01 00 00 00 00 00 C1 0A 08 00
 Offset 0A0: 00 08 04 00 00 18 00 00 8F 40 02 00 00 01 04 00
 Offset 0B0: 60 C0 00 00 00 06 00 00 80 01 00 00 02 00 00 00
 Offset 0C0: 00 30 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 60 00 00 00 10 02 00 00 80 01 00 00 04 00 00 00
 Offset 0E0: 00 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 B3 0F 41 08 00 00 00 00

B00 D14 Intel Sunrise Point PCH - Thermal Management Controller [D1]
 F02:

Offset 000: 86 80 31 A1 02 00 10 00 31 00 80 11 00 00 00 00
 Offset 010: 04 E0 42 DF 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 0B 03 00 00
 Offset 040: 04 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 050: 01 80 23 00 08 00 00 00 00 00 00 00 00 00 00 00
 Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 080: 05 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 B3 0F 41 08 00 00 00 00

B00 D16 Intel Sunrise Point PCH - CSME: Host Embedded Controller Interface 1
 F00: (HECI1) [D1]

Offset 000: 86 80 3A A1 06 04 10 00 31 00 80 07 00 00 80 00
 Offset 010: 04 C0 03 FE 00 00 00 00 00 00 00 00 00 00 00 00

Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 00 00 01 00 00
 Offset 040: 45 02 00 90 10 00 01 80 06 05 F1 00 00 00 00 00
 Offset 050: 01 8C 03 40 08 00 00 00 00 00 00 00 00 00 00 00
 Offset 060: 20 00 00 00 04 40 08 00 00 00 00 00 00 00 00 40
 Offset 070: 00 00 00 00 00 00 00 E0 00 00 00 00 00 00 00 00
 Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 05 00 81 00
 Offset 090: 0C F0 EF FE 00 00 00 00 A2 49 00 00 00 00 00 00
 Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 40
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 B3 0F 41 08 00 00 00 00

B00 D17 Intel Sunrise Point PCH - SATA AHCI Controller (Mobile) [D1]
 F00:

Offset 000: 86 80 03 A1 07 04 B0 02 31 01 06 01 00 00 00 00
 Offset 010: 00 80 42 DF 00 C0 42 DF 91 F0 00 00 81 F0 00 00
 Offset 020: 61 F0 00 00 00 B0 42 DF 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 80 00 00 00 00 00 00 00 00 01 00 00
 Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 070: 01 A8 03 40 08 00 00 00 00 00 00 00 00 00 00 00
 Offset 080: 05 70 01 00 0C F0 EF FE B1 49 00 00 00 00 00 00
 Offset 090: 00 00 FA 00 05 00 05 00 00 00 00 00 30 00 00 80
 Offset 0A0: 3C 00 00 00 00 00 00 00 12 00 10 00 48 00 00 00
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 11 00 00 00 00 00 00 00 01 00 00 00 00 00 00 00
 Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 B3 0F 41 08 00 00 00 00

B00 D1C Intel Sunrise Point PCH - PCI Express Root Port 1 [D1]
 F00:

Offset 000: 86 80 10 A1 06 04 10 00 F1 00 04 06 10 00 81 00
 Offset 010: 00 00 00 00 00 00 00 00 00 02 02 00 F0 00 00 20
 Offset 020: 30 DF 30 DF F1 FF 01 00 00 00 00 00 00 00 00 00
 Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 0B 01 00 00
 Offset 040: 10 80 42 01 01 80 00 00 00 00 11 00 13 40 72 01
 Offset 050: 40 00 11 70 00 B2 24 00 00 00 40 01 00 00 00 00
 Offset 060: 00 00 00 00 37 08 00 00 00 04 00 00 0E 00 00 00
 Offset 070: 03 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 080: 05 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 090: 0D A0 00 00 62 14 D5 11 00 00 00 00 00 00 00 00
 Offset 0A0: 01 00 03 C8 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 0D0: 01 10 00 07 42 18 00 00 08 00 9E 8B 00 00 00 00
 Offset 0E0: 00 00 E3 00 AA 88 AA 88 16 00 10 00 00 00 00 00
 Offset 0F0: 50 01 00 00 00 00 00 0C B3 0F 41 08 04 00 00 01

B00 D1C
 F03: Intel Sunrise Point PCH - PCI Express Root Port 4 [D1]

Offset 000: 86 80 13 A1 07 04 10 00 F1 00 04 06 10 00 81 00
 Offset 010: 00 00 00 00 00 00 00 00 03 03 00 D0 D0 00 20
 Offset 020: 20 DF 20 DF F1 FF 01 00 00 00 00 00 00 00 00
 Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 0B 04 00 00
 Offset 040: 10 80 42 01 01 80 00 00 20 00 10 00 13 40 72 04
 Offset 050: 40 00 11 70 00 B2 3C 00 00 00 40 01 00 00 00 00
 Offset 060: 00 00 00 00 37 08 00 00 00 04 00 00 0E 00 00 00
 Offset 070: 03 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 080: 05 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 090: 0D A0 00 00 62 14 D5 11 00 00 00 00 00 00 00 00
 Offset 0A0: 01 00 03 C8 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 11 10 00 07 42 18 00 00 08 00 9E 8B 00 00 00 00
 Offset 0E0: 00 00 E3 00 00 00 00 00 06 00 10 00 00 00 00 00
 Offset 0F0: 50 01 00 00 00 00 00 0C B3 0F 41 08 04 00 00 04

B00 D1C
 F04: Intel Sunrise Point PCH - PCI Express Root Port 5 [D1]

Offset 000: 86 80 14 A1 06 04 10 00 F1 00 04 06 10 00 81 00
 Offset 010: 00 00 00 00 00 00 00 00 04 04 00 F0 00 00 20
 Offset 020: 10 DF 10 DF F1 FF 01 00 00 00 00 00 00 00 00
 Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 0B 01 00 00
 Offset 040: 10 80 42 01 01 80 00 00 20 00 10 00 23 40 72 05
 Offset 050: 40 00 22 70 00 FD 44 00 00 00 40 01 00 00 00 00
 Offset 060: 00 00 00 00 37 08 00 00 00 04 00 00 0E 00 00 00
 Offset 070: 03 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 080: 05 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 090: 0D A0 00 00 62 14 D5 11 00 00 00 00 00 00 00 00
 Offset 0A0: 01 00 03 C8 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 11 10 00 07 42 18 00 00 08 00 9E 8B 00 00 00 00
 Offset 0E0: 00 00 E3 00 00 00 00 00 06 00 10 00 00 00 00 00
 Offset 0F0: 50 01 00 00 00 00 00 0C B3 0F 41 08 04 80 00 01

B00 D1F
 F00: Intel HM175 Chipset - LPC/eSPI Controller [D1]

Offset 000: 86 80 52 A1 07 00 00 02 31 00 01 06 00 00 80 00
 Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 020: 00 00 00 00 00 00 00 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 060: 00 00 00 00 D0 00 00 00 00 00 00 00 00 00 00 00
 Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 080: 70 00 03 0C 01 02 FC 00 69 00 04 00 81 00 0C 00
 Offset 090: 4D 03 04 00 00 0F 00 00 01 00 00 FC 00 00 00 00
 Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 33 22 11 00 67 45 00 00 CF FF 00 00 80 00 00 00
 Offset 0E0: C0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 B3 0F 41 08 00 00 00 00

B00 D1F Intel Sunrise Point PCH - Power Management Controller (PMC) [D1]
 F02:

Offset 000: 86 80 21 A1 00 00 00 00 31 00 80 05 00 00 80 00
 Offset 010: 00 40 42 DF 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 040: 01 18 00 00 80 01 00 00 00 00 00 FE 00 00 00 00
 Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0A0: F8 36 80 D8 49 38 06 00 00 46 00 00 00 00 00 81
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 B3 0F 41 08 00 00 00 00

B00 D1F Intel Sunrise Point PCH - High Definition Audio Controller [D1]
 F03:

Offset 000: 86 80 71 A1 06 00 10 00 31 00 03 04 10 20 00 00
 Offset 010: 04 00 03 FE 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 020: 04 00 40 FE 00 00 00 00 00 00 00 00 62 14 D6 11
 Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 10 01 00 00
 Offset 040: 00 00 00 00 00 00 00 00 FF 0D 3B 80 00 00 00 00
 Offset 050: 01 60 43 C0 08 00 00 00 00 00 00 00 00 00 00 00
 Offset 060: 05 00 80 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 070: 10 00 91 00 00 00 00 10 00 28 10 00 00 00 00 00
 Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 08 06 02 00 00 70 00 04 00 0C A5 82 10 00 03 00
 Offset 0D0: 00 0C B5 02 10 00 03 00 00 00 00 00 00 00 00 00
 Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 0F0: 00 00 00 00 00 00 00 00 00 B3 0F 41 08 00 00 00 00
 Navigation

B00 D1F
 F04: Intel Sunrise Point PCH - SMBus Controller [D1]

Offset 000: 86 80 23 A1 03 00 80 02 31 00 05 0C 00 00 00 00
 Offset 010: 04 A0 42 DF 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 020: 41 F0 00 00 00 00 00 00 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 10 01 00 00
 Offset 040: 11 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 050: 01 04 00 00 00 01 00 00 00 00 00 00 00 00 00 00
 Offset 060: 04 05 05 00 00 00 0A 0A 00 00 00 00 00 00 00 00
 Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 080: 24 00 04 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 B3 0F 41 08 00 00 00 00

B01 D00
 F00: nVIDIA GeForce GTX 1060 (MSI) Video Adapter

Offset 000: DE 10 20 1C 06 00 10 00 A1 00 00 03 10 00 00 00
 Offset 010: 00 00 00 DE 0C 00 00 C0 00 00 00 00 0C 00 00 D0
 Offset 020: 00 00 00 00 01 00 00 00 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 60 00 00 00 00 00 00 00 00 01 00 00
 Offset 040: 62 14 D5 11 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 050: 01 00 00 00 01 00 00 00 CE D6 23 00 00 00 00 00
 Offset 060: 01 68 03 00 08 00 00 00 05 78 81 00 0C F0 EF FE
 Offset 070: 00 00 00 00 71 49 00 00 10 00 02 00 E1 8D 2C 01
 Offset 080: 30 21 00 00 03 4D 45 00 40 01 03 11 00 00 00 00
 Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 13 08 04 00
 Offset 0A0: 00 04 00 00 0E 00 00 00 03 00 1F 00 00 00 00 00
 Offset 0B0: 00 00 00 00 09 00 14 01 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B02 D00
 F00: Intel Dual Band Wireless-AC 3168 WiFi Adapter

Offset 000: 86 80 FB 24 06 04 10 00 10 00 80 02 10 00 00 00
 Offset 010: 04 E0 3F DF 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 86 80 10 21
 Offset 030: 00 00 00 00 C8 00 00 00 00 00 00 00 00 01 00 00
 Offset 040: 10 00 02 00 C0 8E 00 10 10 0C 11 00 11 E8 46 00
 Offset 050: 40 01 11 10 00 00 00 00 00 00 00 00 00 00 00 00

Offset 060: 00 00 00 00 12 08 08 00 05 04 00 00 00 00 00 00
 Offset 070: 01 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 00 00 00 00 01 D0 23 C8 00 00 00 0D
 Offset 0D0: 05 40 81 00 0C 10 E0 FE 00 00 00 00 B2 49 00 00
 Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B03 D00 Killer e2400 PCI-E Gigabit Ethernet Controller
 F00:

Offset 000: 69 19 A1 E0 07 00 10 00 10 00 00 02 10 00 00 00
 Offset 010: 04 00 20 DF 00 00 00 00 01 D0 00 00 00 00 00 00
 Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 13 01 00 00
 Offset 040: 01 58 C3 F9 08 00 00 00 00 00 00 00 00 00 00 00
 Offset 050: 00 00 00 00 00 00 00 00 10 C0 01 00 C5 FF 90 05
 Offset 060: 20 20 10 00 11 FC 07 00 40 01 11 10 03 00 00 00
 Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 080: 00 00 00 00 69 19 A1 E0 00 00 00 00 00 00 00 00
 Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 05 D8 88 01 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0D0: 00 00 00 00 00 00 00 00 11 00 0F 00 00 20 00 00
 Offset 0E0: 00 30 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B04 D00 ASMedia ASM1142 USB 3.1 xHCI Controller
 F00:

Offset 000: 21 1B 42 12 06 04 10 00 00 30 03 0C 10 00 00 00
 Offset 010: 04 00 10 DF 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 62 14 D5 11
 Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 01 00 00
 Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 050: 05 68 86 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 060: 30 20 00 00 00 00 00 00 11 78 07 80 00 20 00 00
 Offset 070: 80 20 00 00 00 00 00 00 01 80 43 C0 08 00 00 00
 Offset 080: 10 00 02 00 22 82 E8 07 30 28 10 00 22 D8 43 01
 Offset 090: 40 00 22 10 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0A0: 00 00 00 00 00 08 00 00 00 04 00 00 06 00 00 00
 Offset 0B0: 03 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0C0: 00 00 00 00 21 1B 42 12 00 00 00 00 00 00 00 00
 Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 0E0: 00 00 00 00 DE 52 01 32 00 00 00 00 00 00 00 00
 Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

PCI-8086- Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/ICL MCHBAR
5910: Navigation

Offset 4000: 11 27 09 26 1A 46 02 00 86 9D 16 26 06 04 06 07
Offset 4010: 09 09 0A 0B 1E 18 06 06 06 04 07 07 34 44 00 0C
Offset 4020: 37 45 45 45 45 44 15 0E 00 00 00 00 04 00 00 00

PCI-8086- Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/ICL MCHBAR
5910:

Offset 4200: 00 00 3F 00 00 00 00 00 00 00 00 00 00 00 00
Offset 4210: 00 0D 20 01 46 10 F8 17 E0 E0 E8 E0 E8 E8 E8
Offset 4220: 00 00 00 00 03 03 03 03 01 01 01 01 00 00 00 00
Offset 4230: 10 02 21 20 10 02 21 64 40 98 00 A2 94 24 A4 01
Offset 4240: 00 53 00 62 00 40 00 00 80 00 02 00 E8 08 00 00
Offset 4250: 00 00 00 00 01 00 00 00 00 00 00 00 00 00 00
Offset 4260: 0B 00 00 00 07 00 00 00 8F 00 00 00 C8 00 00 00
Offset 4270: 96 00 00 00 FF FF FF FF 02 00 00 80 00 00 00 00
Offset 4280: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 4290: 00 70 00 00 00 00 00 00 00 00 00 00 FF FF FF FF
Offset 42A0: FF FF FF FF 00 00 00 00 10 32 54 76 00 00 00 00

PCI-8086- Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/ICL MCHBAR
5910:

Offset 4400: 08 1C 06 18 10 44 02 00 44 44 04 04 04 04 04
Offset 4410: 04 04 04 04 04 04 04 04 04 04 04 10 10 00 02
Offset 4420: 19 19 19 19 00 00 15 0E 00 00 00 00 04 00 00 00

PCI-8086- Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/ICL MCHBAR
5910:

Offset 4600: 00 00 3F 00 00 00 00 00 00 00 00 00 00 00 00
Offset 4610: 05 00 00 01 00 00 00 00 00 00 00 00 00 00 00
Offset 4620: 00 00 00 00 03 03 03 03 01 01 01 01 00 00 00 00
Offset 4630: 10 02 21 20 10 02 21 64 0F 98 00 46 04 10 B4 00
Offset 4640: 00 02 00 01 00 00 00 00 80 00 01 00 00 00 00 00
Offset 4650: 00 00 00 00 10 00 00 00 00 00 00 00 00 00 00
Offset 4660: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 4670: 00 00 00 00 FF FF FF FF 00 00 00 00 00 00 00
Offset 4680: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 4690: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 46A0: 00 00 00 00 00 00 00 00 10 32 54 76 00 00 00 00

PCI-8086- Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/ICL MCHBAR
5910:

Offset 4800: 00 00 00 00 00 00 03 00 00 00 00 08 00 00 00 08
Offset 4810: 00 00 00 08 00 00 00 08 00 00 00 08 00 00 00 08

PCI-8086- Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/ICL MCHBAR
5910:

Navigation

Offset 4A80: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 4A90: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

PCI-8086-5910: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/ICL MCHBAR

Offset 5000: 00 00 00 00 10 01 00 00 00 00 00 00 08 00 00 00
 Offset 5010: 00 00 00 00 00 00 00 00 10 00 00 00 00 00 00 00

PCI-8086-5910: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/ICL MCHBAR

Offset 5880: 60 01 00 00 05 00 00 00 00 00 00 00 00 00 00 00
 Offset 5890: FF FF 00 00 FF FF 00 00 FF FF 00 00 FF FF 00 00
 Offset 58A0: 00 00 00 00 07 00 00 00 8E 07 00 00 00 00 00 00
 Offset 58B0: 00 00 00 00 00 00 00 00 00 00 00 00 7F 00 00 00
 Offset 58C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 58D0: FF FF 00 00 FF FF 00 00 FF FF 00 00 FF FF 00 00
 Offset 58E0: 00 00 00 00 DE 00 54 00 60 14 AA 01 00 00 00 00
 Offset 58F0: 63 00 00 00 00 00 00 00 17 00 00 00 00 10 02 38
 Offset 5900: 00 00 00 00 00 00 00 01 00 00 00 00 02 00 00 00
 Offset 5910: 00 00 00 00 00 00 00 12 0A 00 21 00 00 00 00 00
 Offset 5920: 0F 00 00 00 0D 00 00 00 F3 ED 23 12 59 A7 93 00
 Offset 5930: 68 01 00 00 00 00 00 00 03 0E 0A 00 DE 6E EC 1D
 Offset 5940: 6F 8C F7 09 A0 28 00 00 00 00 00 00 00 00 00 00
 Offset 5950: 00 00 00 00 00 00 14 00 00 1C 01 F1 3B 08 08 00
 Offset 5960: E0 26 E1 00 00 00 00 00 4E A6 D7 B2 AC E9 35 7B
 Offset 5970: 00 00 00 00 84 B9 70 B1 4A 00 00 00 4A 00 00 00
 Offset 5980: 3F 00 00 00 CA B1 9D F0 00 00 00 00 00 00 00 00
 Offset 5990: 00 00 00 00 FF 00 00 00 16 07 07 00 00 00 64 05
 Offset 59A0: 68 81 DD 00 E0 81 42 00 00 00 00 00 00 00 00 00
 Offset 59B0: 00 00 00 00 00 00 00 00 00 06 00 00 00 00 00 00
 Offset 59C0: 00 00 25 88 00 00 00 00 00 00 00 00 00 00 00 00

PCI-8086-5910: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/ICL MCHBAR

Offset 5E00: 09 00 00 00 09 00 00 00 00 00 00 00 00 00 00 00
 Offset 5E10: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

PCI-8086-A131: Intel 100/200-series PCH TBAR

Offset 00: D4 00 00 00 81 00 10 00 81 00 01 00 80 00 00 00
 Offset 10: 4A 01 00 00 00 00 00 00 00 00 00 C8 CA 00 00
 Offset 20: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 30: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 40: 3C 09 85 B4 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 50: 00 80 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 60: 00 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00
 Offset 70: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 80: 01 00 00 00

Navigation

Debug - Video BIOS

```

C000:0000 U...a.000000000000./....@...00IBM VGA Compatible BIOS. .H.X.f...
C000:0040 PCIR.....2.:...-.=..Y.Y.Y.Y.Y....+.;..Y
C000:0080 .Y;Y.Y.....&.'.#.!..Y.Y&Y.Y!Y#Y'Y....Y.Y.Y..@.A.B.C.D.E.F.G.H.
C000:00C0 K.N.P.Q.R.S.V.X.@.A.B.C.D.E.F.G.H.I.J.K.L.M.N.O.P.Q.R.S.T.U.....
C000:0100 .....
C000:0140 .....H.....b.....
C000:0180 .....DH....DH....DH....0DH....DI....DI....DJ...
C000:01C0 ..DJ....0DJ....DI....0DI....DJ....DK....DK....DK....0.L....
C000:0200 ..L.....L....0.L.....M.....M.....0....2.B.4.f.8.....<..
C000:0240 ..A....C.B..E.f..I....K...M...P ...R B..T f.X ...Z ...\ ...`.
C000:0280 ...a...b ...c...d...e ...f...g...h ...i.5..j.5.k 5..l.O..m
C000:02C0 .O..n O..o.i.p.i.q i..}.f..~.f.. f..... -..` .....
C000:0300 1..l.....rQ.. n(U...!.....`".....@.....
C000:0340 .... .1X. (. .....V. .1X. .P.....d..@A.&0..6..... A. 0
C000:0380 .` .....0*..Q.*@0p.....4..Q.*@.....H?@0b.2@@.....
C000:03C0 h[.r.<P.....E.....
    
```

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