



Summary

Report Date	2023-10-09 21:33:34
Generated by	MemTest86 V10.6 Free (64-bit) <i>Visit MemTest86.com to Upgrade to Pro</i>
Result	PASS

System Information

EFI Specifications	2.70
System	
Manufacturer	ASUS
Product Name	System Product Name
Version	System Version
Serial Number	System Serial Number
BIOS	
Vendor	American Megatrends Inc.
Version	3205
Release Date	08/14/2023
Baseboard	
Manufacturer	ASUSTeK COMPUTER INC.
Product Name	TUF GAMING B550-PLUS WIFI II
Version	Rev X.0x
Serial Number	230318067000514
CPU Type	AMD Ryzen 5 5500
CPU Clock	3601 MHz [Turbo: 4251.7 MHz]
# Logical Processors	12 (6 enabled for testing)
L1 Cache	12 x 64K (239944 MB/s)
L2 Cache	12 x 512K (88947 MB/s)
L3 Cache	1 x 16384K (83381 MB/s)
Memory	16197M (38998 MB/s)
RAM Configuration	DDR4 3200MT/s / x2 Channel / 16-18-18-36 / 1.200V
Number of RAM SPDs detected	2
SPD #0	8GB DDR4 XMP 1Rx8 PC4-25600
Vendor Part Info	Corsair / CMW16GX4M2C3200C16
JEDEC Profile	2134MT/s 15-15-15-36 1.2V
XMP Profile 1	3200MT/s 16-18-18-36 1.35V
SPD #1	8GB DDR4 XMP 1Rx8 PC4-25600
Vendor Part Info	Corsair / CMW16GX4M2C3200C16
JEDEC Profile	2134MT/s 15-15-15-36 1.2V
XMP Profile 1	3200MT/s 16-18-18-36 1.35V
Number of RAM slots	4
Number of RAM modules	2
DIMM_A1	Empty slot

DIMM_A2	8GB DDR4 1Rx8 PC4-25600
Vendor Part Info	Corsair / CMW16GX4M2C3200C16 / 00000000
SMBIOS Profile	3200MT/s 1.2V
DIMM_B1	Empty slot
DIMM_B2	8GB DDR4 1Rx8 PC4-25600
Vendor Part Info	Corsair / CMW16GX4M2C3200C16 / 00000000
SMBIOS Profile	3200MT/s 1.2V

Result summary

Test Start Time	2023-10-09 18:59:41
Elapsed Time	2:19:30
Memory Range Tested	0x0 - 430000000 (17152MB)
CPU Selection Mode	Parallel (All CPUs)
CPU Temperature Min/Max/Ave	29C/61C/43C
RAM Temperature Min/Max/Ave	
TSOD0	27C/36C/33C
TSOD1	28C/36C/33C
# Tests Completed	48/48 (100%)
# Tests Passed	48/48 (100%)

Test	# Tests Passed	Errors
Test 0 [Address test, walking ones, 1 CPU]	4/4 (100%)	0
Test 1 [Address test, own address, 1 CPU]	4/4 (100%)	0
Test 2 [Address test, own address]	4/4 (100%)	0
Test 3 [Moving inversions, ones & zeroes]	4/4 (100%)	0
Test 4 [Moving inversions, 8-bit pattern]	4/4 (100%)	0
Test 5 [Moving inversions, random pattern]	4/4 (100%)	0
Test 6 [Block move, 64-byte blocks]	4/4 (100%)	0
Test 7 [Moving inversions, 32-bit pattern]	4/4 (100%)	0
Test 8 [Random number sequence]	4/4 (100%)	0
Test 9 [Modulo 20, ones & zeros]	4/4 (100%)	0
Test 10 [Bit fade test, 2 patterns, 1 CPU]	4/4 (100%)	0
Test 13 [Hammer test]	4/4 (100%)	0

Certification

This document certifies that the Tests described above have been carried out by a suitably qualified technician on the System described above.

Signed

Your company name here
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