

Apple Watch Comparisons Series 3/4/5/6/SE Specs & Features

	Apple Watch S3 42mm	Apple Watch S3 38mm	Apple Watch S4 44mm	Apple Watch S4 40mm	Apple Watch S5 44mm	Apple Watch S5 40mm	Apple Watch S6 44mm	Apple Watch S6 40mm	Apple Watch SE 44mm	Apple Watch SE 40mm
Chipset	S3 SIP Dual Core 32bit	S3 SIP Dual Core 32bit	S4 SIP Dual Core 64bit	S4 SIP Dual Core 64bit	S5 SIP Dual Core 64bit	S5 SIP Dual Core 64bit	S6 SIP Dual Core 64bit	S6 SIP Dual Core 64bit	S5 SIP Dual Core 64bit	S5 SIP Dual Core 64bit
+/- Prev Gen (Chipset)	N/A	N/A	2x Faster vs S3	2x Faster vs S3	2x Faster vs S3	2x Faster vs S3	20% Faster vs S5 (2x +20% faster than S3)	20% Faster vs S5 (2x +20% faster than S3)	2x Faster vs S3	2x Faster vs S3
RAM/Memory	8GB***	8GB***	16GB	16GB	32GB	32GB	32GB	32GB	32GB	32GB
Wireless Chip	W2 Chip	W2 Chip	W3 Chip	W3 Chip	W3 Chip	W3 Chip	W3 & U1 Chips	W3 & U1 Chips	W3 Chip	W3 Chip
WiFi	2.4Ghz	2.4Ghz	2.4Ghz	2.4Ghz	2.4Ghz	2.4Ghz	2.4/5Ghz	2.4/5Ghz	2.4Ghz	2.4Ghz
Bluetooth Vers.	4.2	4.2	5.0, LE	5.0, LE	5.0, LE	5.0, LE	5.0, LE	5.0, LE	5.0, LE	5.0, LE
Battery Size	1.34 Wh	1.07 Wh	1.12 Wh	0.86 Wh	1.13 Wh	0.94 Wh	1.17 Wh	1.024 Wh	?*	?*
+/- Prev Gen (Battery)	N/A	N/A	-16.42% vs S3 42mm	-19.63% vs S3 38mm	+0.89% vs S4 44mm	+9.3% vs S4 40mm	+3.54% vs S5 44mm	+8.94% vs S5 40mm	?*	?*
Screen	740 sq mm/ 390 x 312px	563 sq mm/ 340 x 272px	977 sq mm/ 448x368px	759 sq mm/ 394x324px	977 sq mm/ 448x368px	759 sq mm/ 394x324px	977 sq mm/ 448x368px	759 sq mm/ 394x324px	977 sq mm/ 448x368px	759 sq mm/ 394x324px
+/- Prev Gen (Screen)	N/A	N/A	+32.03% larger vs S3 42mm	+34.81% larger vs S3 38mm	+32.03% larger vs S3 42mm	+34.81% larger vs S3 38mm	+32.03% larger vs S3 42mm	+34.81% larger vs S3 38mm	+32.03% larger vs S3 42mm	+34.81% larger vs S3 38mm
More Screen Info	Screen +31.44% vs 38mm	Screen -23.92% vs 42mm S3	Screen +28.72% vs 40mm	Screen -22.31% vs 44mm	Screen +28.72% vs 40mm	Screen -22.31% vs 44mm	Screen +28.72% vs 40mm	Screen -22.31% vs 44mm	Screen +28.72% vs 40mm	Screen -22.31% vs 44mm
Compare Batteries Across Series	Battery +25.23% vs 38mm S3	Battery -20.15% vs 42mm S3	Battery +30.23% vs 40mm S4	Battery -23.21% vs 44mm S4	Battery +20.21% vs 40mm S5	Battery -23.21% vs 40mm S5	Battery +14.26% vs 40mm S6	Battery -12.48% vs 44mm S6	?*	?*
Screen & Battery Extra Info	Screen -24.26% vs S4/5/6/SE 44mm & -2.50% vs S4/5/6/SE 40mm	Screen -25.82 vs S4/5/6/SE 40mm & -42.37% vs S4/5/6/SE 44mm	Screen (S4/5/6/SE) +73.57% vs S3 38mm	Screen (S4/5/6/SE) +2.57% vs S3 42mm	Battery -15.67% vs 42mm S3	Battery -12.15% vs 38mm S3, Screen (S4/5/6/SE) +2.57% vs S3 42mm	Battery +4.46% vs S4 & -12.69% vs 42mm S3	Battery +19.07% vs S4 & -4.30% vs 38mm S3, Screen (S4/5/6/SE) +2.57% vs S3 42mm	Screen (S4/5/6/SE) +73.57% vs S3 38mm	Screen (S4/5/6/SE) +2.57% vs S3 42mm
Always-On Display	No	No	No	No	Yes	Yes	Yes: 2.5x brighter vs S5	Yes: 2.5x brighter vs S5	No	No
Heart Sensor	Yes/Optical	Yes/Optical	Yes/2nd Gen Optical + Electrical	Yes/Optical + Electrical	Yes/Optical + Electrical	Yes/2nd Gen Optical + Electrical	Yes/2nd Gen Optical + Electrical	Yes/2nd Gen Optical + Electrical	Yes/2nd Gen Optical	Yes/2nd Gen Optical
ECG	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Blood Oxygen SPO2 Sensor	No	No	No	No	No	No	Yes	Yes	No	No
Fall Detection	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Noise Level Monitoring	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Automatic Workout Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GymKit	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GPS/GNSS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Altimeter	Yes/Barometric	Yes/Barometric	Yes/Barometric	Yes/Barometric	Yes/Barometric	Yes/Barometric	Yes/Always On	Yes/Always On	Yes/Always On	Yes/Always On
Compass	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Accelerometer	Yes/16G-Forces	Yes/16G-Forces	Yes/32G-Forces	Yes/32G-Forces	Yes/32G-Forces	Yes/32G-Forces	Yes/32G-Forces	Yes/32G-Forces	Yes/32G-Forces	Yes/32G-Forces
Gyroscope	Yes	Yes	Yes/Improved	Yes/Improved	Yes/Improved	Yes/Improved	Yes/Improved	Yes/Improved	Yes	
NFC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Apple Pay	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Emergency SOS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Int'l Emergency Calling	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Sleep Tracking	Yes/With WatchOS 7	Yes/With WatchOS 7	Yes/With WatchOS 7	Yes/With WatchOS 7	Yes/With WatchOS 7	Yes/With WatchOS 7	Yes	Yes	Yes	Yes
Ambient Light Sensor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Speakers	Yes	Yes	Yes/50% louder vs S3	Yes/50% louder vs S3	Yes/50% louder vs S3	Yes/50% louder vs S3	Yes/50% louder vs S3	Yes/50% louder vs S3	Yes/50% louder vs S3	Yes/50% louder vs S3
Faster Charging	No	No	No	No	No	No	Yes	Yes	No	No
Water Resistance	50 Meters	50 Meters	50 Meters	50 Meters	50 Meters	50 Meters	50 Meters	50 Meters	50 Meters	50 Meters
Fitness+ Compatible	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Family Setup Available**	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cellular Available	No***	No***	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Solo Loop Compatible	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Year Released	2017	2017	2018	2018	2019	2019	2020	2020	2020	2020
Dimensions	H: 42.5mm, W: 36.4mm, D: 11.4mm	H: 38.6mm, W: 33.3mm, D: 11.4mm	H: 44mm, W: 38mm, D: 10.7mm	H: 40mm, W: 34mm, D: 10.7mm	H: 44mm, W: 38mm, D: 10.74mm	H: 40mm, W: 34mm, D: 10.74mm	H: 44mm, W: 38mm, D: 10.4mm	H: 40mm, W: 34mm, D: 10.4mm	H: 44mm, W: 38mm, D: 10.4mm	H: 40mm, W: 34mm, D: 10.4mm
Weight	32.3g (Alum only)	26.7g (Alum only)	36.7g (Alum), 47.9g (SS)	30.1g (Alum), 39.8 (SS)	36.5g (Alum), 47.8 (SS), 41.7 (Ti), 46.7g (Ceramic)	30.8g (Alum), 40.6g (SS), 35.1 (Ti), 39.7 (Ceramic)	36.5g (Alum), 47.1 (SS), 41.3 (Ti)	30.5 (Alum), 39.7 (SS), 34.6g (Ti)	36.2 (GPS), 36.36g (GPS/Cellular)	30.49g (GPS), 30.68g (GPS/Cellular)
Finishes/Models	Alum Only, Colors: Space Gray, Silver (All other colors, finishes, & editions are discontinued).	Alum Only, Colors: Space Gray, Silver (All other colors, finishes, & editions are discontinued).	Alum Colors: Space Gray, Silver, Gold   SS: Silver, Space Black (DLC), Gold (PVD)   Nike+: Alum Space Gray, Silver   Hermès: Polished Silver SS	Alum Colors: Space Gray, Silver, Gold   SS: Silver, Space Black (DLC), Gold (PVD)   Nike+: Alum Space Gray, Silver   Hermès: Polished Silver SS	Alum Colors: Space Gray, Silver, Gold   SS: Silver, Space Black (DLC), Gold (PVD)   Titanium: Natural Ti, Space Black   Ceramic: White,   Nike+: Alum Space Gray, Silver   Hermès: SS, Space Black SS	Alum Colors: Space Gray, Silver, Gold   SS: Silver, Space Black (DLC), Gold (PVD)   Titanium: Natural Ti, Space Black   Ceramic: White,   Nike+: Alum Space Gray, Silver   Hermès: SS, Space Black SS	Alum Colors: Space Gray, Silver, Gold, Blue, Product Red   SS: Silver, Graphite (DLC), Gold (PVD)   Titanium: Natural Ti, Space Black   Nike+: Alum Space Gray, Silver   Hermès: SS, Space Black SS	Alum Colors: Space Gray, Silver, Gold, Blue, Product Red   SS: Silver, Graphite (DLC), Gold (PVD)   Titanium: Natural Ti, Space Black   Nike+: Alum Space Gray, Silver   Hermès: SS, Space Black SS	Alum Only, Colors: Space Gray, Silver, Gold   Nike+: Alum Space Gray, Silver	Alum Only, Colors: Space Gray, Silver, Gold   Nike+: Alum Space Gray, Silver
Glass Face:	Ion-X	Ion-X	Alum: Ion-X, SS: Sapphire Crystal	Alum: Ion-X, SS: Sapphire Crystal	Alum: Ion-X, SS/Ti/ Ceramic: Sapphire Crystal	Alum: Ion-X, SS/Ti/ Ceramic: Sapphire Crystal	Alum: Ion-X, SS/Ti/ Ceramic: Sapphire Crystal	Alum: Ion-X, SS/Ti/ Ceramic: Sapphire Crystal	Ion-X	Ion-X
Watch Back	Composite	Composite	Sapphire Crystal/ Ceramic	Sapphire Crystal/ Ceramic	Sapphire Crystal/ Ceramic	Sapphire Crystal/ Ceramic	Sapphire Crystal/ Ceramic	Sapphire Crystal/ Ceramic	Sapphire Crystal/ Ceramic	Sapphire Crystal/ Ceramic
LTPO Display (variable refresh rate)	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Digital Crown Haptic Feedback	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Emergency Features	Heart rate notifications, Emergency SOS	Heart rate notifications, Emergency SOS	Heart rate notifications, emergency SOS calling (international, 911 and emergency contacts), fall detection, hearing alerts	Heart rate notifications, emergency SOS calling (international, 911 and emergency contacts), fall detection, hearing alerts	Heart rate notifications, emergency SOS calling (international, 911 and emergency contacts), fall detection, hearing alerts	Heart rate notifications, emergency SOS calling (international, 911 and emergency contacts), fall detection, hearing alerts	Heart rate notifications, emergency SOS calling (international, 911 and emergency contacts), fall detection, hearing alerts	Heart rate notifications, emergency SOS calling (international, 911 and emergency contacts), fall detection, hearing alerts	Heart rate notifications, emergency SOS calling (international, 911 and emergency contacts), fall detection, hearing alerts	Heart rate notifications, emergency SOS calling (international, 911 and emergency contacts), fall detection, hearing alerts
Price (Including the least expensive band option, other bands increase the price. These are the base prices, other options may increase the final price.)	\$229 (No Nike+ version available.)	\$199 (No Nike+ version available.)	- Currently discontinued, may find refurb'd or used.	- Currently discontinued, may find refurb'd or used.	\$429 & Up S5 is discontinued & sales vary.	\$399 & Up S5 is discontinued & sales vary.	\$429 (GPS Alum or Nike+ Alum), \$529 GPS/ LTE Alum), \$749 (GPS/ LTE SS), \$849 (GPS/ LTE Ti), \$1299 (GPS/ LTE Hermès)	\$399 (GPS Alum or Nike+ Alum), \$499 GPS/ LTE Alum), \$699 (GPS/ LTE SS), \$799 (GPS/ LTE Ti), \$1249 (GPS/ LTE Hermès)	\$309 (GPS), \$359 (GPS/ LTE), Pricing is the same for Nike+ & Standard Editions.	\$279 (GPS), \$329 (GPS/ LTE), Pricing is the same for Nike+ & Standard Editions.
Apple Care+****	\$2.49/mo or \$49/2 years.	\$2.49/mo or \$49/2 years.	Only available w/ new watch.	Only available w/ new watch.	Only available w/ new watch.	Only available w/ new watch.	\$3.99/mo or \$79/2 years.	\$3.99/mo or \$79/2 years.	\$2.49/mo or \$49/2 years.	\$2.49/mo or \$49/2 years.

\*Apple Watch SE Note: At the time of creating this comparison table, no data on the Apple Watch SE battery size has been found. Battery specs generally come from product tear-downs (thanks to companies like iFixit!). Thus far, AW S6 has been torn-down but the AW SE has not. Perhaps the data can be added if/when it becomes available. However, the Screen info for the Apple Watch SE will be identical to AW S4/5/6 and its comparisons to AW S3.

\*\* Family Setup requires an Apple Watch Series 4/5/6/SE with Cellular Connection.

\*\*\* Cellular Service was discontinued on the Series 3. S3 Cellular had 16GB of storage space. GPS only version has 8GB.

\*\*\*\* Apple Care+ terms have changed and become generally more favorable. According to what Apple Support told me, you can purchase monthly and keep the coverage as long as you have the watch. You can buy 2 years for a discount and if you want to add more time, you have 60 days from the end of that 2 year period to add more time. If you purchase 2 years but sell the watch prior to the end of the 2 years, you have two options: 1) you can call and they'll cancel the remainder of the time on the Apple Care+ and do a prorated refund for the time not used (not certain what happens on this if you've made a claim), or 2) you can sell the watch and transfer the remaining Apple Care+ coverage to the new owner. This often means you'll get a better price for the watch you're selling. However, you cannot transfer Apple Care+ coverage that's paid monthly.