

Wearable Comparisons



Gear S3 frontier



Galaxy Watch
42mm (LTE + BT)



Galaxy Watch
46mm (LTE + BT)



Galaxy Fit



Galaxy Watch Active2
40mm (LTE + BT)



Galaxy Watch Active2
44mm (LTE + BT)

Screen Size	1.3"	1.2"	1.3"	0.95"	1.2"	1.4"
Display	360 x 360 On-Cell Touch AMOLED	360 x 360 Super AMOLED	360 x 360 Super AMOLED	120 x 240 Full Color AMOLED	360 x 360 Super AMOLED	360 x 360 Super AMOLED
Processor	1 GHz Dual-Core	1.15 GHz Dual-Core	1.15 GHz Dual-Core	96 MHz	1.15 GHz Dual-Core	1.15 GHz Dual-Core
Memory	768MB RAM 4GB internal storage ¹	0.75GB RAM (BT) 1.5GB RAM (LTE) 4GB internal storage ¹	0.75GB RAM (BT) 1.5GB RAM (LTE) 4GB internal storage ¹	N/A	0.75GB RAM (BT) 1.5GB RAM (LTE) 4GB internal storage ¹	0.75GB RAM (BT) 1.5GB RAM (LTE) 4GB internal storage ¹
OS	Tizen	Tizen	Tizen	FreeRTOS	Tizen	Tizen
Connectivity	802.11 b/g/n 2.4 GHz Bluetooth v4.2	802.11 b/g/n 2.4 GHz Bluetooth v4.2	802.11 b/g/n 2.4 GHz Bluetooth v4.2	Bluetooth v5.0, LE only	LTE WiFi: 802.11 b/g/n 2.4 GHz Bluetooth v5.0	LTE WiFi: 802.11 b/g/n 2.4 GHz Bluetooth v5.0
Battery	380 mAh	270 mAh	472 mAh	120 mAh	247 mAh	340 mAh
Dimensions	46mm x 49mm x 12.9mm	41.9mm x 45.7mm x 12.7mm	46mm x 49mm x 13mm	45.1mm x 18.3mm x 11.2mm	40mm x 40mm x 10.9mm	44mm x 44mm x 10.9mm
Weight	63g (without bands)	49g	63g	23g	26g (BT) 37g (LTE)	30g (BT) 44g (LTE)
Sensors	Accelerometer, barometer, gyro sensor, HR sensor, ambient light sensor	Accelerometer (16g), barometer, gyro sensor, HR sensor, light sensor	Accelerometer (16g), barometer, gyro sensor, HR sensor, light sensor	Accelerometer, gyroscope, HR monitor	8 LED photo plethysmography (PPG), electrocardiogram (ECG), accelero (32g), gyro, barometer, ambient light	8 LED photo plethysmography (PPG), electrocardiogram (ECG), accelero (32g), gyro, barometer, ambient light
Strap	22mm silicon	20mm silicon	22mm silicon	fluoroelastomer	20mm fluoroelastomer (BT) 20mm leather (LTE)	20mm fluoroelastomer (BT) 20mm leather (LTE)

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