

# Device Comparisons



**Galaxy S9 | S9+**



**Galaxy S10e**



**Galaxy S10**



**Galaxy S10+**



**Galaxy S20 5G**



**Galaxy S20+ 5G**



**Galaxy S20 Ultra 5G**

<b>Screen Size<sup>1</sup></b>	5.8"   6.2"	5.8"	6.1"	6.4"	6.2"	6.7"	6.9"
<b>Display</b>	2960 x 1440 Curved Super AMOLED	2280 x 1080 Flat Infinity Dynamic AMOLED	3040 x 1440 Curved Infinity Dynamic AMOLED	3040 x 1440 Curved Infinity Dynamic AMOLED	3200 x 1440 Infinity-O Display Quad HD+ Dynamic AMOLED 2.0 Smooth Motion 120hz Display	3200 x 1440 Infinity-O Display Quad HD+ Dynamic AMOLED 2.0 Smooth Motion 120hz Display	3200 x 1440 Infinity-O Display Quad HD+ Dynamic AMOLED 2.0 Smooth Motion 120hz Display
<b>OS</b>	Android™ 8.0, Oreo	Android™ 9.0, Pie	Android™ 9.0, Pie	Android™ 9.0, Pie	Android™ 10.0 Samsung One UI 2.0	Android™ 10.0 Samsung One UI 2.0	Android™ 10.0 Samsung One UI 2.0
<b>Processor</b>	Octa-Core (2.8 GHz + 1.7 GHz)	Octa-Core (2.4 GHz + 1.7 GHz) Qualcomm SM8150	Octa-Core (2.4 GHz + 1.7 GHz) Qualcomm SM8150	Octa-Core (2.4 GHz + 1.7 GHz) Qualcomm SM8150	Octa-Core Up to 2.84 GHz Snapdragon 865	Octa-Core Up to 2.84 GHz Snapdragon 865	Octa-Core Up to 2.84 GHz Snapdragon 865
<b>Memory</b>	64GB ROM <sup>2</sup> 4GB   6GB RAM Expandable up to 400GB <sup>3</sup>	128GB or 256GB ROM <sup>2</sup> 6GB or 8GB RAM Expandable up to 512GB <sup>3</sup>	128GB or 512GB ROM <sup>2</sup> 8GB RAM Expandable up to 512GB <sup>3</sup>	128GB, 512GB or 1TB ROM <sup>2</sup> 8GB or 12GB RAM Expandable up to 512GB <sup>3</sup>	128GB ROM <sup>2</sup> 12GB RAM Expandable up to 1TB <sup>3</sup>	128GB or 512GB ROM <sup>2</sup> 12GB RAM Expandable up to 1TB <sup>3</sup>	128GB or 512GB ROM <sup>2</sup> 12GB or 16GB RAM Expandable up to 1TB <sup>3</sup>
<b>Battery<sup>4</sup></b>	Talk time: up to 31 hours   35 hours	Talk time: up to 31 hours	Talk time: up to 34 hours	Talk time: up to 39 hours	Talk time: up to 28 hours	Talk time: up to 34 hours	Talk time: up to 37 hours
<b>Main Camera</b>	12MP Super Speed Dual Pixel 12MP Dual camera <sup>5</sup> with Super Speed Dual Pixel	12MP Super Speed Dual Pixel 16MP Ultra Wide	12MP Super Speed Dual Pixel 16MP Ultra Wide 12MP 2x zoom	12MP Super Speed Dual Pixel 16MP Ultra Wide 12MP 2x zoom	12MP Ultra Wide camera 64MP Telephoto camera 12MP Wide camera 30x Space Zoom	12MP Ultra Wide camera 64MP Telephoto camera 12MP Wide camera Depth Sensing camera 30x Space Zoom	12MP Ultra Wide camera 48MP Telephoto camera 108MP Wide camera Depth Sensing camera 100X Ultra Space Zoom
<b>Front-Facing Camera</b>	8MP Front-facing camera	10MP Selfie camera	10MP Selfie camera	10MP Selfie camera 8MP Portrait lens	10MP Selfie camera	10MP Selfie camera	40MP Selfie camera
<b>5G Ready</b>	N/A	N/A	N/A	N/A	Sub-6	Sub-6 and mmWave	Sub-6 and mmWave

<sup>1</sup>Full rectangle and rounded corners measured diagonally. <sup>2</sup>Portion of the memory occupied by existing content. <sup>3</sup>SD card and microSD cards sold separately. <sup>4</sup>Based on average battery life under typical usage conditions. Average expected performance based on typical use. Actual battery life depends on factors such as network, features selected, frequency of calls, and voice, data and other application usage patterns. Results may vary. <sup>5</sup>Main camera only. Samsung device information current as of 02/10/2020. Specifications are subject to change; check for updates at [www.samsung.com](http://www.samsung.com). © 2020 Samsung Electronics America, Inc. Samsung, Galaxy S and AMOLED are trademarks of Samsung Electronics Co, Ltd. Other company names, product names and marks mentioned herein are the property of their respective owners. Screen images simulated. Appearance of devices may vary.