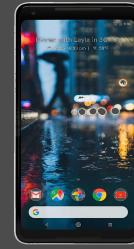
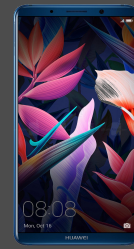


Smartphone Comparison*



Saygus V Squared

Samsung Galaxy S9

Apple iPhone X

Huawei Mate 10 Pro

Google Pixel 2 XL

OnePlus 5T

LG V30

BlackBerry Motion

Designed to protect the display without a case

Y

N

N

N

N

N

N

N

Antenna boosting technology

Y

N

N

N

N

N

N

N

Wi-HD Wireless HDMI (real time phone to TV transmission)

Y

N

N

N

N

N

N

N

Wireless charging

Y

Y

Y

N

N

N

Y

N

Chip to enhance sunlight viewability

Y

N

N

N

N

N

N

N

Water Resistant

Y

Y

Y

Y

Y

N

Y

Y

New-to-market Waterproofing Technology

Y

N

N

N

N

N

N

N

Front and Back OIS Camera

Y

N

N

N

N

N

N

N

American Company

Y

N

Y

N

Y

N

N

N

Removable battery

Y

N

N

N

N

N

N

N

Dual SIM

Y

Y

N

Y

N

Y

N

N

Micro SD card slot

Y

Y

N

N

N

N

Y

Y

Dual micro SD card slot

Y

N

N

N

N

N

N

N

FM receiver

Y

N

N

N

N

N

N

Y

Built in Infra-Red transceiver / Remote Control

Y

N

N

Y

N

N

N

N

Exterior noise cancelling technology

Y

N

N

N

Y

Y

Y

N

Dedicated camera button

Y

N

N

N

N

N

N

N

Reversible Type C connector

Y

Y

Lightning

Y

Y

Y

Y

Y

Fingerprint Scanner

Y

Y

N

Y

Y

Y

Y

Y

Designed for comfortable handling in both male and female hands

Y

Y

N

N

N

N

N

N

Made to work on over 95% of phone carriers worldwide

Y

Y

Y

Y

Y

Y

Y

Y

Price

\$650 (128GB)

\$720 (64GB)

\$1149 (256GB)

\$799 (128GB)

\$949 (128GB)

\$599 (128GB)

\$750 (64GB)

\$450 (32GB)

	Saygus V SQUARED	Samsung Galaxy S9	Apple iPhone X	Huawei Mate 10 Pro	Google Pixel 2 XL	OnePlus 5T	LG V30	BlackBerry Motion
DISPLAY								
Size	5.0"	5.8"	5.8"	6"	6"	6"	6"	5.5"
Resolution	Full HD (1920x1080)	WQHD (2960x1440)	(2436x1125)	WHD (2160x1080)	WQHD (2880x1440)	WHD (2160x1080)	WQHD (2880x1440)	Full HD (1920x1080)
Multitouch	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Type	IPS LCD	Super AMOLED	OLED	OLED	P-OLED	AMOLED	P-OLED	IPS LCD
Protection	Gorilla Glass 4 and protective edge	Scratch-resistant glass	Oleophobic coating		Gorilla Glass 5	Gorilla Glass 5	Gorilla Glass 5	Dragontrail
PLATFORM								
Chipset	Qualcomm Snapdragon 845	Qualcomm Snapdragon 845 SDM845	Apple A11 Bionic APL1W72	HiSilicon Kirin 970	Qualcomm Snapdragon 835 MSM8998	Qualcomm Snapdragon 835 MSM8998	Qualcomm Snapdragon 835 MSM8998	Qualcomm Snapdragon 625 8953
CPU	Octa-core, 2800 MHz, Kryo 385	Octa-core, 2800 MHz, Kryo 385, 64-bit, 10 nm	Hexa-core, 2390 MHz, 64-bit, 10 nm	Octa-core, 2360 MHz, ARM Cortex-A73 and ARM Cortex-A53, 64-bit, 10 nm	Octa-core, 2350 MHz, Kryo 280, 64-bit, 10 nm	Octa-core, 2450 MHz, Kryo 280, 64-bit, 10 nm	Octa-core, 2450 MHz, Kryo 280, 64-bit, 10 nm	Octa-core, 2000 MHz, ARM Cortex-A53, 64-bit, 14 nm
GPU	Adreno 630	Adreno 630	Apple 3-core GPU	Mali-G72 MP12	Adreno 540	Adreno 540	Adreno 540	Adreno 506
OS	Android	Android	iOS	Android	Android	Android	Android	Android
Multi-Boot	Yes	No	No	No	No	No	No	No
MEMORY								
RAM	8GB	4GB	3GB	6GB	4GB	8GB	4GB	4GB
Internal	512GB	64GB	256GB	128GB	128GB	128GB	64GB	32GB
Expandable	2048GB (1024GB actual) 1TB+	400GB	No	No	No	No	2000GB (512GB actual)	2000GB (512GB actual)
BODY								
Dimensions	137 x 67 x 9.7 mm	147.7 x 68.7 x 8.5 mm	143.6 x 70.9 x 7.7 mm	154.2 x 74.5 x 7.9 mm	157.9 x 76.7 x 7.9 mm	156.1 x 75 x 7.3 mm	151.7 x 75.4 x 7.39 mm	155.8 x 75.5 x 8.12 mm
Weight	141g	163g	174g	178g	175g	162g	158g	167g
SIM	Nano-SIM	Nano-SIM	Nano-SIM	Nano-SIM	Nano-SIM	Nano-Sim	Nano-SIM	Nano-SIM
Dual SIM	Yes	Yes	No	Yes	No	Yes	No	No
Waterproof	Yes	Yes, IP67	Yes	No	No	Yes	No	No
CAMERA								
Primary	21MP with OIS rear	12MP w/OIS rear	12MP w/ OIS rear	12MP w/ OIS rear	12MP w/OIS rear	16MP rear	16MP w/OIS rear	12MP rear
Secondary	13MP with OIS front	8MP front	7MP front	8MP front	8MP front	16MP front	5MP front	8MP front
Camera Button	Yes	No	No	No	No	No	No	No
SOUND								
Speakers	Stereo	Stereo	Stereo	Mono	Stereo	Mono	Mono	Mono
WIRELESS								
Network Technology	GSM, CDMA, HSPA, LTE, EVDO	LTE-A Pro Cat 18 (1200/150 Mbit/s), HSDPA+ (4G) 42.2 Mbit/s, HSUPA	LTE-A, HSPA, HSUPA, UMTS	LTE-A Pro Cat 18 (1200/150 Mbit/s), HSDPA+ (4G) 42.2 Mbit/s, HSUPA, UMTS	LTE-A Cat 15 (800/75 Mbit/s), HSDPA+ (4G) 42.2 Mbit/s, HSUPA, UMTS	LTE-A Cat 12 (600/100 Mbit/s), HSDPA+ (4G) 42.2 Mbit/s, HSUPA	LTE-A Pro Cat 16 (1000/150 Mbit/s), HSDPA+ (4G) 42.2 Mbit/s, HSUPA, UMTS	LTE, HSPA, HSUPA
Bands	CDMA 850, 1900 GSM 850, 900, 1800, 1900 UMTS 1, 2, 3, 4, 5, 8 LTE (FDD) 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 25 LTE (TDD) 38, 41	CDMA 800, 1900 GSM 850, 900, 1800, 1900 UMTS 850, 900, 1700/2100, 1900, 2100 LTE (FDD) 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 25, 26, 28, 29, 30, 66, 71 LTE (TDD) 38, 39, 40, 41, 46	GSM 850, 900, 1800, 1900 UMTS 850, 900, 1700/2100, 1900, 2100 LTE (FDD) 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 25, 26, 28, 29, 30, 66 LTE (TDD) 38, 39, 40, 41	GSM 850, 900, 1800, 1900 UMTS 800, 850, 900, 1700/2100, 1900, 2100 LTE (FDD) 1, 2, 3, 4, 5, 7, 8, 9, 12, 17, 18, 19, 20, 26, 28, 32 LTE (TDD) 39	CDMA 800, 1900 GSM 850, 900, 1800, 1900 UMTS 850, 900, 1700/2100, 1900, 2100 LTE (FDD) 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 20, 25, 26, 28, 29, 30, 32, 66 LTE (TDD) 38, 40, 41	CDMA 800 GSM 850, 900, 1800, 1900 UMTS 850, 900, 1700/2100, 1900, 2100 LTE (FDD) 1, 2, 3, 4, 5, 7, 8, 12, 17, 18, 19, 20, 25, 26, 28, 29, 30, 66 LTE (TDD) 38, 39, 40, 41	CDMA 800, 1900 GSM 850, 900, 1800, 1900 UMTS 850, 900, 1700/2100, 1900, 2100 LTE (FDD) 1, 2, 3, 4, 5, 7, 12, 13, 20, 25, 66	GSM 850, 900, 1800, 1900 UMTS850, 900, 1700/2100, 1900, 2100 LTE (FDD) 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 20, 28, 29, 30, 66 LTE (TDD) 38, 39, 40, 41
WLAN	802.11 a, b, g, n, ac, dual-band	802.11 a, b, g, n, ac, dual-band	802.11 a, b, g, n, ac, dual-band	802.11 a, b, g, n, ac, dual-band	802.11 a, b, g, n, ac, dual-band	802.11 a, b, g, n, ac, dual-band	802.11 a, b, g, n, ac, dual-band	802.11 a, b, g, n, ac, dual-band
Bluetooth	4	5	5	4.2	5	5	5	4.2
GPS	GPS, A-GPS, Glonass	GPS, A-GPS, Glonass	GPS, A-GPS, Galileo, Cell ID, Wi-Fi positioning	GPS, A-GPS, Glonass, BeiDou	GPS, A-GPS, Glonass	GPS, A-GPS, Glonass, Galileo, BeiDou	GPS, A-GPS, Glonass, Galileo	GPS, A-GPS, Glonass, BeiDou
Other	NFC, FM Receiver, VoIP, Tethering, Computer sync, OTA sync	NFC, ANT+, VoIP, Tethering, Computer sync, OTA sync	NFC, UMA (Wi-Fi Calling), Tethering, Computer sync, OTA sync, AirDrop	NFC, Infrared, VoIP, Tethering, Computer sync, OTA sync	NFC, VoIP, Tethering, Computer sync, OTA sync	NFC, VoIP, Tethering, Computer sync, OTA sync	NFC, UMA (Wi-Fi Calling), VoIP, Tethering, Computer sync, OTA sync	NFC, VoIP, Tethering, Computer sync, OTA sync
POWER								
Battery Capacity	3,200 mAh	3,000 mAh	2,716mAh	4,000mAh	3,520mAh	3,300 mAh	3,300mAh	4,000mAh
Battery Removable	Yes	No	No	No	No	No	No	No
Fast Charge	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wireless Charge	Yes	Yes	Yes	No	No	No	Yes	No
MISC								
Fingerprint Scan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
USB Type	Type C	Lightning	Type C	Type C	Type C	Type C	Type C	Type C