

TECH SPECS



Product Samsung Note 8

Processor

CPU speed 2.3GHz, 1.7GHz

CPU type Octa-Core

Display

Dimensions (Main Screen) 160.5mm (6.3 "entire display surface) / 158.5mm (6.2" display surface without rounded corners)

Resolution (Main Screen) 2960 x 1440 (Quad HD +)

Dual Edge Super AMOLED Technology (Main Screen)

Depth of colors (Main Screen) 16M

Support S Pen Yes

Camera

Main camera - Resolution 12.0 MP + 12.0 MP

Main camera - F1.7, F2.4 focal aperture

Main camera - Auto Focus Yes

Rear camera – OIS Yes

Rear camera - Zoom Optical Zoom at 2x, Digital Zoom up to 10x

Front camera - 8.0 MP resolution

Front camera - F1.7 focal aperture

Front camera - Auto Focus Yes

Main Camera – Flash Yes

Resolution 4K UHD **video recording** (3840 x 2160) @ 30fps

Memory

Memory size ROM (GB) 64 GB

Memory Available (GB) 51.2 GB

External MicroSD memory support (up to 256GB)

Networks

Type Nano SIM card (4FF)

Network type 2G GSM, 3G WCDMA, 3G TD-SCDMA, 4G LTE FDD, 4G LTE TDD

2G GSM GSM850, GSM900, DCS1800, PCS1900

3G UMTS B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)

3G TD-SCDMAB34 (2010), B39 (1880)

4G FDD LTEB1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700),B17 (700), B18 (800), B19 (800), B20 (800), B25 (1900), B26 (850), B28 (700), B32 (1500), B66 (AWS-3)

4G TDD LTEB38 (2600), B39 (1900), B40 (2300), B41 (2500)

Connectivity

ANT +Yes

USB Type-C **USB**interface

USB version3.1 Gen 1

GPS tracking **technology**, Glonass, Beidou, Galileo

3.5mm**stereo stereo earphone input**

MHL No

Wi-Fi802.11 a / b / g / n / ac 2.4G + 5GHz, VHT80 MU-MIMO, 1024-QAM

Wi-Fi Direct Yes

Bluetooth version v5.0 Bluetooth (LE up to 2 Mbps)

NFC Yes

PC Sync.Smart Switch (PC version)

Operating system

Android

Sensors

Accelerometer, Barometer, Fingerprint Sensor, Gyroscope, Magnetic Field, Hall Sensor, HR Sensor, Iris Sensor, RGB Light Sensor, Pressure Sensor, Proximity Sensor

Physical specifications

Dimensions (HxWxD,mm)162.5 x 74.8 x 8.6

Weight (g) 195

Battery

Duration in internet browsing (3G) (hours) Up to 12

Duration in internet browsing (LTE) (hours) Up to 13

Duration in internet browsing (Wi-Fi) (hours) Up to 14

Duration in video playback (hours) Up to 16

Standard battery capacity (mAh) 3300

Removable No

Duration of audio playback (hours) Up to 47

Duration in audio playback (hours, Always On Display off) Up to 74

Talk time (3G WCDMA) (hours) Up to 22