

SM-A920F

Processor

CPU speed 2.2GHz, 1.8GHz

CPU type Octa-Core

Display

Resolution (Main Screen) 2220 x 1080 (FHD +)

Technology (Main Screen) Super AMOLED

Depth of colors (Main Screen) 16M

Camera

Main camera - Resolution (Multiple) 24.0 MP + 5.0 MP + 10.0 MP + 8.0 MP

Main camera - Focal aperture (Multiple) F1.7, F2.2, F2.4, F2.4

Main camera - Auto Focus Yes

Rear camera – OIS No

Front camera – Resolution 24.0 MP

Front camera -F2.0focal aperture

Front camera - Auto Focus No

Front camera – OIS No

Main Camera – Flash Yes

Front camera – Flash No

Resolution 4K UHD

video recording (3840 x 2160) @ 30fps



Memory

Memory Size ROM (GB) 128 GB

Networks

Type Nano SIM card (4FF)

Type 2G GSM

network, 3G WCDMA, 4G LTE FDD, 4G LTE TDD

2G GSM GSM850, GSM900, DCS1800, PCS1900

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

4G FDD LTE B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B26 (850), B28 (700), B66 (AWS-3)

4G TDD LTE B38 (2600), B40 (2300), B41 (2500)

Connectivity

ANT + Yes

USB interface USB Type-C

Version USB 2.0 USB

GPS tracking technology, Glonass, Beidou, Galileo

3.5mm Stereo stereo earphone input

MHL No

Wi-Fi 802.11 a / b / g / n / ac 2.4G + 5GHz, VHT80 MIMO

Wi-Fi Direct Yes

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

NFC Yes

General information's

Type of Design Touch Bar

Sensors :Accelerometer sensors, Fingerprint sensor, Gyroscope, Magnetic field, Hall sensor, RGB sensor, Proximity sensor

Physical specifications

Dimensions (HxWxD, mm) 162.5 x 77.0 x 7.8

Weight (g) 183

Battery

Duration in internet browsing (3G) (hours) Up to 13

Duration in internet browsing (LTE) (hours) Up to 15

Duration in internet surfing (Wi-Fi) (hours) Up to 15

Duration in video playback (hours) Up to 19

Battery capacity (mAh, Typical) 3800

Removable No

Duration of audio playback (hours) Up to 59

Duration in audio playback (hours, Always On Display off) Up to 112

Talk time (3G WCDMA) (hours) Up to 23