

- Carrier

Type

Unlocked by Samsung

- Processor

CPU Type

Octa-Core

CPU Speed

1.6GHz,1.35GHz

- Display

Main Display Resolution

720 x 1560 (HD+)

Main Display Size

5.8"

Main Display Technology

PLS TFT LCD

Color Depth

16M

Sub Display Size

N/A (N/A)

- Camera

Video Recording Resolution

FHD (1920 x 1080)@30fps

Main Camera - Flash

Yes

Main Camera - Auto Focus

Yes

Front Camera - Resolution

5.0 MP

Front Camera - F Number

F2.0

Main Camera - F Number (Multiple)

F1.9

Main Camera - Resolution (Multiple)

8.0 MP

- Memory

Available Memory

20.9GB

External Memory Support

MicroSD (Up to 512GB)

RAM_Size (GB)

2GB

ROM_Size (GB)

32GB

- Network

SIM Size

Nano-SIM (4FF)

2G GSM

GSM850, GSM900, DCS1800, PCS1900

3G UMTS

B1(2100), B2(1900), B5(850), B8(900)

4G FDD LTE

B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B13(700), B20(800), B28(700), B66(AWS-3)

SIM Slot Type

SIM 1 + MicroSD

- Connectivity

Wi-Fi Connectivity

802.11 a/b/g/n/ac 2.4G+5GHz, VHT80

USB

USB 2.0

Bluetooth

Bluetooth v5.0 (LE up to 2 Mbps)

Location Technology

GPS, Glonass, Galileo

Earjack

3.5mm Stereo

Wi-Fi Direct

Yes

PC Sync.

Smart Switch (PC version)

USB Interface

USB Type-C

- Battery

Video Play Time

Up to 14

Internet Usage Time(LTE) (Hours)

Up to 15

Internet Usage Time(Wi-Fi) (Hours)

Up to 15

Battery Capacity (mAh ,Typical)

3000

Audio Playback Time (Hours ,Always On Display Off)

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Talk Time (2G GSM) (Hours)

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Talk Time (3G WCDMA) (Hours)

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Talk Time (2G CDMA) (Hours)

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Talk Time (4G LTE) (Hours)

Up to 23

- Audio

Audio Playing Format

MP3, M4A, 3GA, AAC, OGG, OGA, WAV, WMA, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA

- Video

Video Playing Format

MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM

Video Playing Resolution

FHD (1920 x 1080)@60fps

- Services and Applications

Gear Manager

Galaxy Buds, Galaxy Fit, Galaxy Fit e, Galaxy Watch, Galaxy Watch Active, Gear Circle (Manager Support), Gear Fit, Gear Fit2, Gear Fit2 Pro, Gear Sport, Gear1, Gear2, Gear2 Neo, Gear S, Gear S2, Gear S3, Gear IconX, Gear IconX (2018)

- Physical specification

Dimension (HxWxD ,mm)

147.3 x 69.6 x 8.4

Weight (g) *

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