



DESIGN

Dimensions: 166.2*76.8*9.1

Weight: 206g

Finish: 2.5D front glass, 3D Back Cover, glossy, color OPVD film

Colors available: Mist Gray & Placid Blue

Side keys: 3 (1 for power & fingerprint sensor, 1 for volume, 1 for Google Assistant)

DISPLAY

6.67-inch Dotch display

FHD+ Display(1080x2400 resolution)

Screen-to-body ratio: 91%¹

20:9 display ratio

1500:1 contrast ratio

395PPI, 16.7M colors, NTSC 82%^{typ}, 450^{typ} brightness

Capacitive touchscreen

HDR10 playback supported

AUDIO

Audio playback format: AAC LC, AAC+, enhanced AAC+, AMR-NB, AMR-WB,

FLAC, MP3, MIDI, Vorbis, PCM/WAVE

Dual-mic noise cancellation, HD Voice

Number of speakers: 1

Supported headsets: LGRM

Hi-Res Audio certification

Support SBC, AAC, aptX, aptX HD, aptX Adaptive, aptX TWS+, LDAC Bluetooth audio codec.

Super Bluetooth: connect up to 4 Bluetooth devices to play audio simultaneously²

3.5mm audio jack

REAR CAMERA

48MP main camera:

PDAF, sensor size 1/2", pixel size 0.8 μ m, aperture F1.8, field of view 79°, 6P lens

8MP wide-angle camera:

FF, sensor size 1/4", pixel size 1.12 μ m, aperture F2.2, field of view 118°, 5P lens

2MP macro camera:

FF, sensor size 1/5", pixel size 1.75 μ m, aperture F2.4, field of view 83°, 3P lens

Video capture: 4K@30FPS, 1080P@60/30FPS

Video playback: 4K@30FPS, 1080P@60/30FPS

Features:

10X digital zoom, Google Lens, EIS, HDR, in-recording snapshots, LED flash, Light Trace Mode, Panorama Mode, photo filters, Panorama Mode, Portrait Mode, Pro Mode, real-time bokeh, scene detection, Slo-Mo Mode, Super Macro Mode, Stop Motion Mode, Super Night Mode, Super Steady Mode, Wide-Angle Mode

FRONT CAMERA

8MP front camera:

FF, sensor size 1/4", pixel size 1.12 μ m, aperture F2.0, field of view 78°, 4P lens

Video capture: 1080P@30FPS

Features:

Face Beautification (photos), HDR selfies, photo filters, Portrait Mode



FEATURES

OS: TCL UI, Android™ 10 (upgradable to Android™ 11)

Chipset: Qualcomm® Snapdragon™ 690 5G Mobile Platform

CPU: Qualcomm® Kryo™ 560 Octa-Core: 2 × Kryo Gold (A77, 2.0 GHz) + 6 × Kryo Silver (A55, 1.7 GHz)

GPU: Qualcomm® Adreno™ 619L

Location: GPS, A-GPS, BeiDou, Galileo, Global Navigation Satellite System (GLONASS)

Other sensors: Accelerometer, gyroscope, proximity, ambient light, e-compass

Authentication: Face key, Fingerprint sensor(side)

Other features: torch light, FM Radio, M3 HAC Rating

Inbox accessories: USB Type-C cable, Product Safety Information, QG, SIM card PIN, protective case, screen protector (on screen), 5V2A charger (T781H), 9V2A charger(T781K).

Optional accessories: Stereo headphones

MEMORY

T781K: 6GB RAM (LPDDR4X) + 256GB ROM (UFS 2.1)

T781H: 6GB RAM (LPDDR4X) + 128GB ROM (UFS 2.1)

Supports micro SD Card up to 256GB (FAT32)

*Actual internal storage available may vary depending on pre-installed software.

CONNECTIVITY

2G Bands: GSM 850/900/1800/1900

3G Bands: B1/2/5/8

4G Bands: B1/3/5/7/8/20/26/28/32/38/40/41(I20M)

5G Bands: n1/3/5/28/41(full)/78

4×4 MIMO(DL) B1/3/7, n78 (It doesn't support B1&B7 4x4 in one combo. Only Support 2*2 MIMO in 2GA_n78.)

2G data: GPRS/EDGE

3G data: HSPA+ (42Mbps DL, 5.76Mbps UL)

4G data: DL: 1.2Gbps, Cat18 UL:150Mbps, Cat13

5G data: DL: 2.7Gbps UL:700Mbps

Wi-Fi 802.11 a/b/g/n/ac

Supports 2.4 GHz Wi-Fi or 5 GHz Wi-Fi

Wi-Fi Direct, Wi-Fi Casting

4G/5G Mobile Hotspot, VoLTE, VoWiFi

Bluetooth 5.1, Type-C USB 2.0, NFC

Dual SIM model: 1 4FF Nano + 1 4FF Nano or 1 TF Card

Single SIM model: 1 4FF Nano SIM + 1 TF Card

BATTERY

Battery: 4500mAh (typical)

Up to 18W Qualcomm® Quick Charge™ 4.0+

Type-C USB 2.0

Charging time: 100% (5V2A charger: 2.5 hours / 9V2A charger: 2 hours)

DOU Value: 12 hours

¹ Screen-to-body ratio calculated with VA/TP method.

² Only supports two devices when connected to a 2.4GHz Wi-Fi network.