



Starlight Silver

Moonlight Blue

Design

Dimensions: 158.9 x 72.88 x ~8.95mm
 Weight: 172g
 Side keys: Power, volume, Smart Key
 Fingerprint-resistant coating
 3D matte blue graphic printed back cover
 3D matte silver graphic printed back cover

Display

6.47-inch curved AMOLED display
 19.5:9 display (1080 x 2340 pixels)
 93% screen-to-body ratio
 FHD+ resolution
 Dedicated display engine
 398PPI
 600 nits (typical) brightness (High Brightness Mode)
 Always-On Display
 Fingerprint-resistant coating

48MP AI Quad-Camera

Resolution: 48MP + 8MP + 2MP + 2MP
 Lens: 6P + 5P + 3P + 3P
 Auto focus (main camera)
 10X digital zoom
 Dual LED flash
 Aperture: F1.8 + F2.2 + F2.4 + F2.4
 Sensor size: 1/2.25" + 1/4" + 1/5" + 1/5"
 Pixel size: 0.8µm + 1.12µm + 1.75µm + 1.75µm
 Lens field of view: 79° + 118° + 83° + 83°
 Video capture: 4K@30FPS, 1080P@120FPS, 720P@240FPS
 Features: Google Lens, HDR, in-recording snapshots, Light Trace Mode, Panorama Mode, Portrait Mode, Pro Mode, real-time bokeh, scene detection, Slow-Mo Video Mode, Stop-Motion Video Mode, Super Macro Mode, Super Night Mode, Wide-Angle Mode

Front Camera

Resolution: 16MP
 Lens: 5P
 Fixed focus
 Display flash
 Aperture: F2.2
 Sensor size: 1/3.1"
 Pixel size: 1µm
 Lens field of view: 79.1°
 Video capture: 1080P@30FPS
 Features: Face Beautification (photos), Portrait Mode

Sensors

A-GPS, accelerometer, BeiDou, E-Compass, GPS, Galileo, GLONASS, gyro sensor, proximity sensor, RCS, RGB Light sensor

OS & processor

TCL UI
 Android™ 10
 Chipset: Qualcomm® Snapdragon™ 665
 CPU: Qualcomm Kryo™ 260 Octa-Core (4 x Gold 2.0GHz + 4 x Silver 1.8GHz)
 GPU: Adreno™ 610

Memory

6GB RAM + 64GB ROM
 6GB RAM + 256GB ROM
 Supports micro SD card up to 512GB
 User memory: 44GB with 64GB ROM / 242GB with 256GB ROM version

Battery & performance

Battery: 4500mAh
 Quick Charger 3.0: 9V2A
 On-the-go reverse charging: 5V1A
 Talk time: 21 hours (2G), 31 hours (3G), 18 hours (4G) typical use
 Standby time: 545 hours (2G), 622 hours (3G), 458 hours (4G) typical use
 Charging time: 2 hours 5 minutes

Audio

Audio formats: AAC+, enhanced AAC+, AAC ELD, AAC LC, AIFF, ALAC, AMR-NB, AMR-WB, AP, FLAC, GSM, MP3, MIDI, Opus, PCM, Vorbis, WAV
 HD Voice
 HD Recording
 Dual-mic noise cancellation
 3.5mm audio jack
 Supported headsets: LRGM

Authentication

Face Key
 Fingerprint sensor

Connectivity

4G data: LTE Cat 6 (400Mbit/s download, 75Mbit/s upload)
 3G data: HSPA+ (42Mbit/s download, 5.76Mbit/s upload)
 2G data: GPRS/EDGE
 4G LTE Bands: 1/3/5/7/8/20/28/38/40/41
 3G Bands: B1/2/5/8
 2G Quadband: 850/900/1800/1900
 Wi-Fi/WLAN: 802.11a/b/g/n/ac, Wi-Fi Direct, Wi-Fi Display, 4G Mobile Hotspot, VoLTE and VoWiFi (network dependent)
 Bluetooth 5.0
 APT-X, APT-X HD, LDAC & AAC, TWS
 NFC
 USB: USB Type-C, USB 2.0
 1-SIM variant - NanoSIM + microSD
 2-SIM variant - NanoSIM + NanoSIM or NanoSIM + microSD