



Polar Night

Icy Silver

### Design

Dimensions: 164.9 x 74.7 x 8.39mm  
 Weight: 166g  
 Side keys: Power, volume, Google Assistant Button  
 2.5D front glass  
 Fingerprint-resistant coating  
 Matte & glossy back cover with dark blue holographic film  
 Matte & glossy back cover in silver gray

### Display

6.52-inch HD+ V-notch LCD display  
 20:9 display (720 x 1600 pixels)  
 Screen-to-body ratio: 89%  
 HD+ resolution  
 268PPI  
 Brightness: 450 nits (typical)

### AI Triple-Camera

Resolution: 48MP + 5MP + 2MP  
 Lens: 6P + 4P + 3P lens  
 Auto focus  
 10X digital zoom  
 LED flash  
 Aperture: F1.8 + F2.2 + F2.4  
 Sensor size: 1/2" + 1/5" + 1/5"  
 Pixel size: 0.8µm + 1.12µm + 1.75µm  
 Lens field of view: 79° + 115° + 83°  
 Video capture: 1080P @30FPS  
 Video playback: 1080P @30FPS  
 Features: Google Lens, HDR, High-Pixel Mode, in-recording snapshots, Light Trace Mode, Panorama Mode, Portrait Mode, Pro Mode, real-time bokeh, scene detection 2.0, Stop-Motion Video Mode, Super Wide-Angle Mode

### Front Camera

Resolution: 8MP  
 Lens: 4P  
 Fixed focus  
 LCD Flash  
 Aperture: F2.0/F2.2  
 Sensor size: : 1/4" /1/3.1"  
 Pixel size: 1.12µm  
 Lens field of view: 80.6° / 79.8°  
 Video capture: 1080P@30FPS  
 Video playback: 1080P@30FPS  
 Features: Face Beautification (photos), Portrait Mode

### OS & processor

TCL UI  
 Android™ 10  
 Chipset: MediaTek Helio P22  
 CPU: Octa-Core ARM Cortex-A53 (4 x A53 2.0Ghz + 4 x A53 1.5Ghz)  
 GPU: Power VR GE8320

### Memory

4GB RAM + 128GB ROM  
 Supports micro SD card up to 128GB  
 User memory: 114GB

### Battery

Battery: 4000mAh  
 15W Quick Charging3  
 On-the-go reverse charging  
 Talk time: 40 hours (2G), 30 hours (3G), 26 hours (4G) typical use  
 Standby time: 720 hours (2G), 550 hours (3G), 400 hours (4G) typical use  
 Charging time: 2 hours 48 minutes

### Audio

Audio formats: AAC, AAC+, enhanced AAC+, AMR, APE, AWB, FLAC, MP3, PCM playback, Vorbis  
 HD Voice  
 FM radio4  
 Dual-mic noise cancellation  
 3.5mm audio jack  
 Supported headsets: LRGM

### Authentication

Face Key  
 Fingerprint sensor

### Sensors

A-GPS, Accelerometer, E-Compass, GPS, Galileo, light sensor, NFC, proximity sensor

### Connectivity

4G data: Cat 4 (150Mbit/s downlink, 50Mbit/s uplink)  
 3G data: HSPA+ (42M bit/s downlink, 11Mbit/s uplink)  
 2G data: GPRS/EDGE  
 4G LTE Bands: T766H: B1/3/5/7/8/20/28 (full)/38/40/41, T766U: B1/3/5/7/8/20/28 (full)/38/40/41, T766J: B1/2/3/4/5/7/8/12/13/17/28(full)/66, 3G Bands: T766H: B1/2/5/8, T766U: B1/2/5/8, T766J: B1/2/4/5/8  
 2G Quadband: 850/900/1800/1900  
 Wi-Fi: 802.11a/b/g/n/ac, Wi-Fi Direct, Wi-Fi Display,  
 VoLTE (Customized), VoWiFi (Customized)  
 Bluetooth 5.0  
 NFC5  
 USB: USB Type-C 2.0  
 SIM card: T766H/T766U: Dual SIM 4FF Nano SIM + 4FF Nano-SIM/TF Card, T766J:4FF Nano-SIM/TF Card