TCL 20 5G

Captivating 5G NXTVISION for all

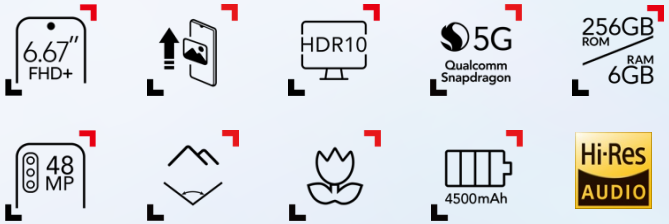
Enhanced HDR streaming + 48MP triple cam

Elevated video streaming experience

Qualcomm® Snapdragon™ 6 series 5G SoC

Versatile 48MP triple camera

Distinctive design



Design

Dimensions: 166.2 x 76.8 x 9.1mm
Weight: 206g
Side keys: 3 (1 for power, 1 for volume, 1 for Google Assistant)
Finish: 2.5D front glass, 3D Back Cover, glossy, color OPVD film
Colors available: Mist Gray & Placid Blue

Display

6.67-inch Dotch display
FHD+ Display (1080 x 2400 resolution)
Screen-to-body ratio: 91%
20:9 display ratio
1500: 1 contrast ratio
395PPI, 16.7M colors, NTSC 82%typ, 450typ brightness
Capacitive touchscreen
NXTVision – Dedicated display engine
HDR10 playback supported

Memory

Internal memory : 6GB RAM (LDPPR4X) + 256GB ROM (UFS 2.1)
Supports micro SD Card up to 256GB (FAT32)
*Actual internal storage available may vary depending on pre-installed software.

Battery

Battery: 4500mAh (typical)
Charging time: 100% - 2.5 hours)
DOU Value: 12 hours (5G)

Rear Camera

48MP main camera:
PDAF, sensor size 1/2.25", pixel size 0.8μm, aperture F1.8, field of view 79°, 6P lens
8MP wide-angle camera:
FF, sensor size 1/4", pixel size 1.12μm, aperture F2.2, field of view 118°, 5P lens
2MP macro camera:
FF, sensor size 1/5", pixel size 1.75μm, aperture F2.4, field of view 83°, 3P lens
Video capture & playback: 4K @ 30FPS, 1080P @ 60FPS, 1080P @ 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 1.12μm, aperture F2.0, field of view 78°, 4P lens
Video capture & playback: 1080P @ 30FPS
Features:
Face Beautification (photos), HDR selfies, photo filters, Portrait Mode

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
Speaker
Supported headsets: 3.5mm Audio Jack, 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 simultaneously

Connectivity

2G Bands: GSM 850/900/1800/1900
2G data: GPRS/EDGE
3G Bands: B1/2/5/8
3G data: HSPA+ (42Mbps DL, 5.76Mbps UL)
4G Bands: B1/3/5/7/8/20/26/28/32/38/40/41
4G data: DL: 1.2Gbps, Cat18 UL:150Mbps, Cat13
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)
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
1-SIM variant - NanoSIM + microSD (**T781K-2*LC**11**)
2-SIM Variant - NanoSIM + NanoSIM or NanoSIM + microSD (**T781K-2*LC**12**)

Features

OS: Android™ 10, TCL UI (upgradable to Android™ 11)
Chipset: Qualcomm® Snapdragon™ 690 5G Mobile Platform
CPU: Qualcomm® Kryo™ 560 Octa-Core: 2 × Kyro Gold (A77, 2.0 GHz) + 6 × Kyro Silver (A55, 1.7 GHz)
GPU: Qualcomm® Adreno™ 619L
Location: GPS, A-GPS, BeiDou, Galileo, Global Navigation Satellite System (GLONASS)
Other sensors: Accelerometer, gyro, proximity, light, e-compass
Authentication: Face key, Fingerprint sensor(side)
Other features: torch light, FM Radio, M3 HAC Rating

In Pack

Charger : 9V2A (18W)
Cable : USB Type C 2.0 High Speed
Others : SIM tool, Quick guide, Product Safety information leaflet
PET protective film
By default : Gel Skin