

TCL 40 SE

Ultimate video & audio experience

6.75" HD+ NXTVISION Display

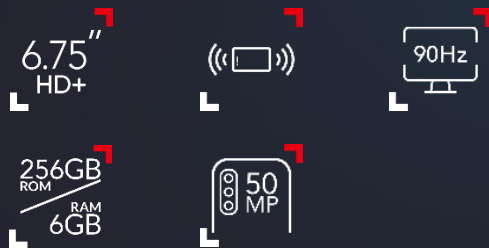
Stereo Dual Speaker

90Hz High Refresh Rate

256GB + 6GB Large Memory

50MP AI Triple Cam

5010mah Massive Battery



TCL40SE

Design

Dimensions: 167.91*76.5*8.45mm

Weight: 190g (TBD)

Finish: PMMA/PC back, matte

Colors available: Dark grey & Twilight Purple

Side keys: 2 (1 for power & fingerprint, 1 for volume)

Display

6.75-inch Mini-Notch 90Hz Display

HD+ (720 x 1600 resolution)

Screen-to-body ratio: 90% ¹

20:9 display ratio

1,500:1 (Typ.) contrast ratio

260PPI, NTSC 69.3%(Typ.), 450 brightness (Typ.)

Capacitive touchscreen

Memory

6GB RAM + 256 GB ROM

End User Space: 231Gb

Supports micro SD Card up to 1 TB

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

Battery

Battery: 5010mAh (typical)

Fast charging: 9V2A, Type-C USB 2.0

Charging time: ≤2H

DOU Value: 16H

Rear Camera

50MP main camera:

PDAF, sensor size 1/2.55", pixel size 0.7μm, aperture F1.8, field of view 79.4°, 5P lens

2MP depth camera:

FF, sensor size 1/5", pixel size 1765μm, aperture F2.4, field of view 88.8°, 3P lens

2MP macro camera:

FF, sensor size 1/5", pixel size 1.75μm, aperture F2.4, field of view 88.8°, 3P lens

Video capture: 1080p@30fps

Video playback: 1080p@30fps

Features:

Bokeh, HDR, Panorama, AI scene detection, Face detection

Front Camera

8MP front camera:

FF, sensor size 1/4", pixel size 1.12μm, aperture F2.0, field of view 80.2°, 4P lens

Video capture: 1080P @30FPS

Video playback: 1080P @30FPS

Features:

Face beauty, HDR

Audio

Audio playback format:

AAC, AMR, AWB, MP3, AAC+, Vorbis, FLAC, APE, eAAC+, PCM playback

Video playback format:

1080P@30fps, H.263, H.264 AVC, H.265 HEVC , VP8, VP9, MPEG-4

Speaker: 2

Audio jack: 3.5mm audio jack

Supported headsets: LRGM

Features:

Stereo SPK

Connectivity

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

2G data: GPRS/EDGE

3G Bands: B1/2/5/8

3G data: HSPA+ (42M bit/s DL, 11Mbit/s UL)

4G Bands: B1/3/5/7/8/13/20/28/38/40/41

4G data: UE CAT4 DL:150Mbps, CAT 5 UL: 75Mbps

802.11 a/b/g/n/ac ,Wi-Fi direct, Wi-Fi display

VoLTE (compatible), VoWiFi (compatible)

Bluetooth 5.1, NFC

SIM Card: Dual SIM (1 Nano SIM + 1 Nano SIM) + 1 TF card (3-card slot)

Features

OS: TCL UI 5.0, Android™ 13

Chipset: MediaTek Helio G37

CPU: 4 x Cortex-A53 @ 2.3GHz+4 x Cortex-A53 @ 1.8GHz

GPU: IMG GE8320 680MHz

Location: support BDS/GPS/Glonass/Galileo, with A-GPS

Other sensors: Accelerometer (G sensor), Proximity sensor, Light sensors Authentication: Face unlock, Side fingerprint sensor

Other features: Torch light

Inbox accessories: Type C 2.0 cable, LCD sticker

Quick guide, PSI, SIM card pin

Optional accessories: 9V2A Charger, WH15/ headset, PET protective film, Gel Skin soft case(TPU case)