



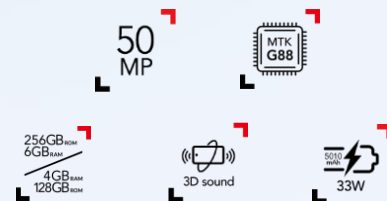
TCL 50_{SE}

6.8" FHD+ NXTVISION Display

50MP Hybrid Camera

Up to 256GB Memory

33W Fast Charging



TCL 50SE (128GB)

DESIGN

Dimensions (HxWxD, mm): 168.16*75.53*8.09mm
Weight: 195g
Side keys: 2 (Volume Key & fingerprint 2-in-1 & Power Key)
Colors: Midnight Blue & Space Gray

DISPLAY

Size: 6.78-inch display
Refresh rate: 90Hz
Resolution: FHD+ (1080*2460 resolution)
Screen-to-body ratio: VA:TP= 91% ; VA:BD= 87%
Glass type: 2.5D glass
Aspect ratio: 20.5:9
Contrast ratio: 1500:1 (Typ.)
Color gamut: 396 PPI, NTSC 96%(Typ.)
Brightness (nits): 550nits brightness (Typ.)
Anti-fingerprint coating: Yes

BATTERY

Capacity: 5010mAh (typical)
Charger: 33W fast charging, Type-C USB 2.0
Charging time (Hours): 100 mins (50% charged in half hours)
DOU Value (Hours): 14 hours*

PERFORMANCE

OS: Android™ 14 (support OS upgrade to Android 15)
Chipset: MediaTek Helio G88(MT6769)
CPU: Octa-Core, 2x2.0 GHz Cortex-A75 & 6x1.8 GHz Cortex-A55
GPU: Mali-G52 MC2

REAR CAMERA

50MP main camera:
PDAF, sensor size 1/2.76", pixel size 0.64μm, aperture F1.8, field of view 74.2°, 5P 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, night mode, steady snap
Other features: Torch light

FRONT CAMERA

8MP camera:
FF, sensor size 1/4", pixel size 1.12μm, aperture F2.0, field of view 77.7°, 4P lens
Video capture: 1080p@30fps
Video playback: 1080p@30fps
Features: HDR, Face Beautification

MEMORY

RAM size: 8GB RAM (RAM Expansion 4GB + 4GB)
ROM size: 128GB
Available memory: around 105GB*
microSD card: Supports MicroSD card up to 2TB
*Actual internal storage available may depend on pre-installed software.

CONNECTIVITY

Bluetooth version: 5.1
Audio jack: 3.5mm
NFC: Yes

NETWORK

Sim card slots
Dual SIM: 2 Nano SIM + 1 T-Flash card
Single SIM: 1 Nano SIM + 1 T-Flash card*
(The number of SIM cards varies by region.)
4G data: Cat 4 DL 150Mbit/s, Cat5 UL 75Mbit/s
3G data: HSPA+ (42Mbps DL, 11Mbps UL)
2G data: GPRS/EDGE

4G Bands:
B1/2/3/4/5/7/8/12/13/17/20/26/28/38/40/41/66

3G Bands:
B1/2/4/5/8

2G Bands:
850/900/1800/1900

802.11a/b/g/n/ac, 2.4GHz&5GHz, Wi-Fi direct, Wi-Fi display
VoLTE, VoWiFi

AUTHENTICATION

Face Unlock, Fingerprint sensor (Side)

SENSOR

Location: BDS/GPS/Glonass/Galileo,with A-GPS
Other: Accelerometer (G sensor), Proximity sensor, Light Sensor, E-Compass

AUDIO AND VIDEO

Audio playback format:
AAC, HE-AAC v1, HE-AAC v2, AMR, AWB, MIDI, MP3, OGG
VORBIS, WAV(ALaw/ULaw), WAV(Raw), FLAC, OPUS
Video playback format:
1080P@30fps, MPEG2, H.263, MPEG4, H.264, H.265, VP8, VP9
Speaker: 2
Supported headsets: LRCM
Features: 3D Boom sound + DTS effect

IN THE BOX

33W fast charger, Type C 2.0 cable, LCD sticker, Quick guide, SIM card pin

Optional: PET protective Film, Gel Skin soft case (TPU case)

TCL 50SE (256GB)

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Dimensions (HxWxD, mm): 168.16*75.53*8.09mm
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Video capture: 1080p@30fps
Video playback: 1080p@30fps
Features: HDR, Face Beautification

MEMORY

RAM size: 12GB RAM (RAM Expansion 6GB + 6GB)
ROM size: 256GB
Available memory: around 230GB*
microSD card: Supports microSD card up to 2TB
*Actual internal storage available may depend on pre-installed software.

CONNECTIVITY

Bluetooth version: 5.1
Audio jack: 3.5mm
NFC: Yes

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