



TCL 501

Bigger Display

Better View

6.0" qHD display

32GB large memory

MTK G36 with powerful Octa-core

3000mAh battery

6.0"
Display

32GB
ROM
RAM
2GB

3000mAh

CORE
X8

BEE One

DESIGN

Dimensions (HxWxD, mm): 156.48*74.88*9.65

Weight: **TBC**

Side keys: Power, Volume

Finish: 2D Glass , PC back cover

Colors: Dark grey, Glacial blue

DISPLAY

Size: 6.0"

Resolution: qHD (540*1092 pixels)

Screen-to-body ratio: VA:TP=83.92% VA:BD=79.48%

Glass type: 2D glass, IPS

Aspect ratio: 18:9

Technology: Capacitive, 5 touch-points

Contrast ratio: 1000min

Color gamut: NTSC 70% (Typ.)

Brightness (nits): 400type/360min (**TBC**)

Anti-fingerprint coating: No

BATTERY

Battery: 3000mAh

Charging time (Hours): 5.5h (**TBC**)

DOU Value (Hours): 11h **TBC**

PERFORMANCE

OS: Android™ 14 (Go edition)

Chipset: MTK 6765V_XB

CPU: Octa-core, 4xA53@ 2.2GHz+4xA53@ 1.6GHz

GPU: IMG GE8320 680MHz

REAR CAMERA

5MP main camera;

FF, sensor size 1/5", pixel size 1.12µm, aperture F2.2, field of view 76°, 3P lens

Video capture: 1080P @30FPS

Video playback: 1080P @30FPS

Other features: Fake flash

FRONT CAMERA

2MP camera (interpolated from 2MP):

FF, sensor size 1/5", pixel size 1.12µm, aperture F2.8, field of view 61.4°, 2P lens

Video capture: 720p@30fps

Video playback: 720p@30fps

Features: **TBC**

MEMORY

RAM size: 2GB+2GB RAM Expansion

ROM size: 32GB

microSD card: Up to 512GB

CONNECTIVITY

Bluetooth version: 5.1

Audio jack::3.5mm

NFC: No

NETWORK

Sim card slots

Dual SIM: 2 Nano SIM + 1 T-Flash card

4G data: Cat 4 (150Mbit/s DL, 75Mbit/s UL)

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

2G data: GPRS/EDGE

4G Bands:

T433D: B1/B3/B5/B7/B8/B20/B28/B38/B40/B41

3G Bands:

T433D: :B1/B2/B5/B8

2G Bands:

T433D: 850/900/1800/1900

802.11b;802.11g;802.11n;802.11ac;802.11a;2.4GHz & 5GHz, Wi-Fi direct

VoLTE, VoWiFi.

AUTHENTICATION

Face Unlock,

SENSOR

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

Other: Accelerometer (G sensor)

AUDIO AND VIDEO

Audio playback format:

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

Video playback format:

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

Speaker: 1

Dual-mic Noise cancellation: no

Supported headsets: LRGM

Features: Dual mic Noise cancellation by software

IN THE BOX standard

T433D: Charger (Type C), USB Cable, QG&PSI, LCD sticker, Battery.

Optional: PET Film, TPU Case, Headset