

TCL 405

Vivid Display, Immersive sound

6.6 HD+ Display

Dual Speaker

5000mAh massive battery



Design

Dimensions: 164.66 x 75.4 x 8.99 mm

Weight: 190g

Colors available: Dark Grey, Lavender Purple

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

Display

6.6-inch V-Notch display

HD+ (720x1600 resolution)

Screen-to-body ratio: '89.3%'¹

20:9 display ratio

1000:1 (Typ.) contrast ratio

269PPI, NTSC 70%(Typ.), 400 nits brightness (Typ.)

Capacitive touchscreen

Memory

2GB RAM + 32GB ROM

End User Space: 18GB (TBD)

Supports micro SD Card up to 512GB

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

Battery

Battery: 5000mAh (typical)

5V2A charging

Type-C USB 2.0

Charging time: 3.2hours (TBD)

DOU Value²: 18.5hours (TBD)

Rear Camera

13MP main camera:

PDAF, sensor size 1/3.06", pixel size 1.12µm, aperture F2.2, **field of view 76.7°, 4P lens**

2MP depth camera:

FF, sensor size 1/5", pixel size 1.65µm, aperture F2.4, **field of view 86.6°, 3P lens**

Video capture: 1080p@30fps

Video playback: 1080p@30fps

Features:

Face tracking, HDR,PANO,Gesture shot //

Front Camera

5MP front 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

Features:

HDR, Auto capture

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

Number of Speakers: 2

Audio jack: 3.5mm audio jack

Supported headsets: LRGM

Features:

HD Voice, Radio //

Connectivity

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

3G Bands: B1/B2/B5/B8

4G Bands: B1/B3/B5/B7/B8/B20/B28/B38/B40/B41

2G data: GPRS/EDGE

3G data: HSPA+ (42Mbps DL, 11Mbps UL)

4G data: Cat 4 DL 150Mbit/s, Cat4 UL 50Mbit/s

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

VoLTE (Compatible), VoWiFi (Compatible)

Bluetooth 5.0,

SIM Card:

Dual SIM model: 1 4FF Nano + 1 4FF Nano + 1 TF Card

Single SIM model: 1 4FF Nano + 1 TF Card

Features

OS: Android™ 12 (GO edition)

Chipset: Helio G25: Octa-core

CPU: 4x A53 2.0GHz + 4x A53 1.5GHz

GPU: IMG GE8320 @ 650 MHz

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

Other sensors: Accelerometer (G sensor), Proximity sensor (By software) , **Authentication:**

Face unlock

Other features: Torch light

Inbox accessories: Type-C cable, LCD sticker, Quick guide, PSI, SIM card pin

Optional accessories: 5V2A Charger, Headset , Gel skin soft case

¹ Screen-to-body ratio calculated with VA/TP method.

² Data comes from internal lab tests. Actual battery life depends on personal usage (network strength, app use, etc.).