









TCL 40NXT PAPER

Full-color Electronic Paper Display

Elevated eye comfort.
Enjoy easier viewing.



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Paper Display
- 
Anti-glare
- 
Low Blue Light
- 
6.78" FHD+ 90Hz
- 
256GB ROM 8+8GB RAM
- 
32MP FRONT 50MP REAR
- 
5010mAh 33W
- 
3D sound

Design

Dimensions: 168.16*75.53*7.89mm

Weight: 195g

Colors available: Midnight Blue, Opalescent

Side keys: 2 (Volume Key & fingerprint 2-in-1 & Power Key)

Display

6.78-inch NXT PAPER hole-punch display

FHD+ (1080*2460 resolution)

90Hz screen refresh rate

Screen-to-body ratio: 91%¹

1500:1 (Typ.) contrast ratio

396 PPI, NTSC 96%(Typ.), 450nits brightness (Typ.)

Capacitive touchscreen

Memory

*16GB RAM + 256GB ROM

***8GB RAM + 8GB RAM Expansion**

End User Space: around 230GB *

Supports MicroSD card up to 2TB

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

Battery

Battery: 5010mAh (typical)

33W fast charging (Power Delivery PD 3.0)

Type-C USB 2.0

Charging time: 100 mins (50% charged in half hours)

Standby time: 630hours (4G)

Talking time: 27hours (4G)

DOU Value³: 14hours

*Data comes from internal lab tests. Actual battery life may vary depending on personal usage (network strength, app use, etc.).

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

5MP ultra-wide camera:

FF sensor size 1/5", pixel size 1.12µm, aperture F2.2, field of view 114.9°, 4P 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:

One shot, Steady Snap, Bokeh, HDR, Panorama, AI scene detection, Face Detection, Night mode

Front Camera

32MP front camera:

FF, sensor size 1/3.45", pixel size 0.65µm, aperture F2.0, field of view 71.5°, 5P lens

Video capture: 1080P @30FPS

Video playback: 1080P @30FPS

Features:

HDR, Face Beautification

Audio

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

Number of Speakers: 2

DTS sound: Yes

Audio jack: 3.5mm audio jack

Supported headsets: LRCM

Features:

HD Voice, Radio

Connectivity

2G Bands: 850/900/1800/1900

2G data: GPRS/EDGE

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

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

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

4G data: Cat 4 DL 150Mbit/s, Cat5 UL 75Mbit/s

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

VoLTE, VoWiFi

Bluetooth 5.1, NFC

SIM Card:

Dual SIM: 2Nano Sim Card +1 TF Card

Features

OS: Android™ 13

Chipset: Mediatek Helio G88(MT6769)

CPU: 2x2.0 GHz Cortex-A75 & 6x1.8 GHz Cortex-A55

GPU: Mali-G52 MC2

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

Other sensors: Accelerometer (G sensor), Proximity sensor, Light Sensor, E-

Compass

Authentication: Face unlock. Side fingerprint sensor

Inbox accessories: 33W Charger , Type C 2.0 cable (C-to C cable), LCD sticker,

Quick guide, PSI, SIM card pin,

Optional accessories: WH15 Headset, PET protective Film, Soft Case + Stylus