TCL COMMUNICATION

TCLPLEX

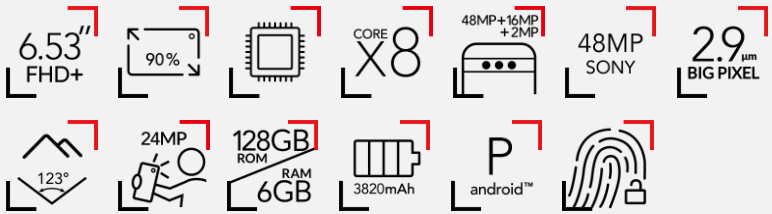
RELIVE YOUR BEST MOMENTS, POWERED BY NXTVISION TECHNOLOGY

Superior Display

Splendid Triple Camera

Intuitive TCL UX

Iconic Design





TCL | BlackBerry | alcatel | PALM

T780H

Design

Dimensions: 162.2*76.56*~7.99mm
Weight: 192g
Finish:
3D glass, glossy, Black Holographic Film + OPVD film on 2nd surface (Obsidian)
3D glass, glossy, Micro S texture + gradient OPVD film on 2nd surface (Opal)
Colors available: Obsidian Black, Opal White
Side keys: 3 (1 for power, 1 for volume, 1 customizable Smart Key for AI assistant/ APP/ feature)

Display

6.53" FHD+ Dotch™ Display (1080x2340), 395 PPI, LCD LTPS-IPS
16.7M colors, NTSC typ 82%, 450typ brightness
19.5:9 display, screen-to-body ratio: 90%
2.5D glass (GG3), full lamination, capacitive screen, 10 touch-points, , anti-finger coating, glove mode,
Dedicated Display Engine: accurate color, overall visual enhancement, SDR-to-HDR, HDR10 playback, Adaptive tone, Reading mode, Eye comfort mode

Camera

Triple rear cameras: 48MP+16MP+2MP,
Image sensor: IMX582+S5K3P9+OV02K
Sensor size: 1/2.0"+1/3"+1/2.8", Sensor pixel size: 0.8μm+1.0μm+2.9μm,
Aperture: f1.8+f2.4+f1.8, FOV: 79°+123° (wide angle)+77°,
Elements#: 6P+5P+5P lens, PDAF, dual single-tone LED flash
Video capture: 4K/1080p/720p 30fps, 1080p/720p 120fps, 720p 240fps/960fps
Features: Anti-blur, anti-shaking, auto zoom, burst shot, dark shot, depth bokeh, Google Lens, gyro-assisted video stabilization, low-light video, night mode, panorama, pro mode, photo filters, scene detection, Super Night mode, super resolution, super slow-motion, time-lapse, wide-angle distortion correction

Front camera: 24MP, Image sensor: OV24B,
Sensor size: 1/2.8", Sensor pixel size: 0.9μm, Aperture: f2.0, FOV:78.2°
Elements: 5P, Fixed Focus, LCD flash
Video capture: 1080p/720p 30fps
Features: Bokeh, Face Beautification, photo filters

Memory

Internal memory: 6GB RAM + 128GB ROM UFS2.1
End user memory: 109G
External storage: Micro SD card, up to 256GB (FAT32)

Connectivity

2G Quadband	2/3/5/8
3G Bands	1/2/5/8
4G LTE Bands	1/3/5/7/8/20/28/38/40
2G data:	GPRS/EDGE
3G data:	HSPA+ (42M bit/s DL,5.76Mbit/s UL)
4G data:	Cat 6 (400Mbit/s DL, 75Mbit/s UL)

Wi-Fi / WLAN 802.11 b/g/n for 2.4GHz, 802.11 a/n/ac for 5GHz ,Wi-Fi Direct, Wi-Fi Display, 4G Mobile Hotspot, GPS with A-GPS
VoLTE, VoWifi (optional), Type-C, USB 2.0, NFC
FM Radio, Bluetooth 5.0 APT-X, LDAC.
SIM: Single SIM 1 4FF Nano SIM + Micro SD
Dual SIM 1 4FF Nano SIM + 1 4FF NANO SIM or Micro SD

Audio

Audio chipset: Smart PA, audio amplifier: NXP9890
Audio Codec: AAC LC, AAC+, enhanced AAC+, AMR-NB, AMR-WB, FLAC, MP3, MIDI, Vorbis, PCM/WAVE
Dual-mic Noise cancellation
HD Voice, HAC M3, hands-free
Number of speakers: 1
Headset type support: LRGM and LRMG
3.5mm audio jack
Bluetooth: 5.0, Apt-X support, LDAC, Super Bluetooth

Battery

Battery: 3820mAh
Quick Charge 3.0
Type-C USB 2.0
Talk time: 12 hours (2G), 25 hours (3G), 16.5 hours (4G) typical use
Standby time: 396 hours typical use
Charging time: 50% (32mins), 100% (98mins)

Features

OS: TCL UI, Android™ Pie (upgrade to Android 10 by FOTA)
Chipset: Qualcomm® Snapdragon™ 675
CPU: Octa-Core (Qualcomm Kryo™ 460 2 x Gold 2.0GHz, 6 x Silver 1.7GHz)
GPU: Adreno 612
GPS Galileo, Accelerometer, Proximity & RGB Light sensors, face key, fingerprint sensor, torch light
Accessories: Transparent Shell, TP Protect Film



Obsidian Black



Opal White

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