TCL

TCL 50 5G 16.8 cm (6.6") Single SIM Android 14 USB Type-C 4 GB 128 GB 5010 mAh Grey

Brand : TCL   **Product family:** 50   **Product code:** T613K-2ALCA112

Product name : 50 5G

- Experience the power of 5G and step into lag-free performance and ultra-fast download speeds with the TCL 50 5G and it's advanced 5G chipset
- Effortlessly stream your favourite media and explore the 6.6" HD+ 90Hz display with stereo speakers powered by Digital Theatre Systems for an immersive experience
- Unleash the versatility of eSIM with the TCL 50 5G

6.6", HD+, 720 x 1612, 20:9, MTK MT6835, 4+4 GB RAM, 128 GB ROM, 50+5 MP / 8 MP, SIM + E-Sim, 5010 mAh, micro SD, 75.04 x 8.31 x 164.09 mm, Space Grey

TCL 50 5G. Display diagonal: 16.8 cm (6.6"), Display resolution: 720 x 1612 pixels. Processor frequency: 2.2 GHz, Processor family: MediaTek Dimensity, Processor model: Dimensity 6100+. RAM capacity: 4 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Single SIM. Operating system installed: Android 14. Battery capacity: 5010 mAh. Product colour: Grey. Weight: 183.5 g

Display

Display diagonal *	16.8 cm (6.6")
Screen shape	Flat
Display technology marketing name	NXTVISION
Panel type	IPS
Display resolution *	720 x 1612 pixels
Native aspect ratio	20:9
Contrast ratio (typical)	1000:1
Maximum refresh rate	90 Hz
Display brightness	430 cd/m²
Touchscreen type	Capacitive
Pixel density	269 ppi

Processor

Processor family *	MediaTek Dimensity
Processor model *	Dimensity 6100+
Processor architecture	ARM Cortex-A76
Processor cores	2
Processor frequency *	2.2 GHz
Coprocessor	✓
Coprocessor frequency	2 GHz
Coprocessor architecture	ARM Cortex-A55
Coprocessor cores	6

Storage

RAM capacity *	4 GB
RAM expansion (max)	4 GB
Internal storage capacity *	128 GB
Compatible memory cards *	MicroSD (TransFlash)
Maximum memory card size	2 TB

Camera

Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	5 MP
Rear camera aperture number	1.8

Network

3G standards *	HSPA+
4G standard *	LTE
5G standard *	Sub6 NSA, Sub6 SA
Voice over LTE (VoLTE) supported	✓
Wi-Fi	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Bluetooth *	✓
Bluetooth version	5.3
Wi-Fi Direct	✓
Near Field Communication (NFC)	✓

Subscription

Subscription type *	No subscription

Ports & interfaces

USB port *	✓
USB connector type	USB Type-C
USB version	2.0
Headphone connectivity	3.5 mm

Design

Form factor *	Bar
Product colour *	Grey
Colour name	Space Grey

Performance

Graphics card	Mali-G57 MC2
Fingerprint reader	✓
Face recognition	✓
Speakerphone	✓

Navigation

Assisted GPS (A-GPS)	✓
GPS (satellite)	✓
GLONASS	✓

Camera

Rear camera pixel size	0.64 μm
Rear camera field of view (FOV) angle	79.2°
Rear camera lens elements	5-element lens
Front camera lens elements	4-element lens
Front camera type *	Single camera
Front camera sensor size	1/4"
Front camera resolution (numeric) *	8 MP
Front camera aperture number	2
Front camera pixel size	1.12 μm
Front camera field of view (FOV) angle	77.8°
Rear camera flash *	✔
Rear camera type *	Dual camera
Camera High Dynamic Range (HDR) mode	✔
Panorama	✔

Network

SIM card capability *	Single SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
2G standards	Edge, GPRS

Navigation

BeiDou	✔
Galileo	✔
Electronic compass	✔
Position location *	✔

Multimedia

Audio formats supported	AAC, AMR, AWB, FLAC, HE-AAC, HE-AAC v2, MIDI, MP3, OGG, OPUS, Vorbis, WAV
Video formats supported	H.263, H.264, H.265, MPEG2, MPEG4, VP8, VP9

Software

Platform *	Android
Operating system installed *	Android 14

Battery

Battery capacity *	5010 mAh

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔

Weight & dimensions

Width	75 mm
Depth	8.31 mm
Height	164.1 mm
Weight *	183.5 g

Packaging content

Quick start guide	✔
Cables included	USB Type-C to USB Type-C
SIM card ejector pin	✔

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