TCL

TCL 40 406 16.7 cm (6.56") Dual SIM Android 13 4G USB Type-C 3 GB 32 GB 5000 mAh Grey

Brand : TCL

Product family: 40

Product code:
T506K-3ALCA112

Product name : 406

- 6.6" HD+ NXTVISION Display
- 2-day Battery
- 13MP AI Dual Camera

6.56", HD+ (720 x 1612), Mediatek Helio G25, 3 GB, 32 GB, 13 + 2 MP / 5 MP, 5000 mAh, 190 g, Android 13, Dark Grey

TCL 40 406. Display diagonal: 16.7 cm (6.56"), Display resolution: 720 x 1612 pixels. Processor frequency: 2 GHz, Processor family: MediaTek, Processor model: MT6762V. RAM capacity: 3 GB, RAM type: LPDDR4X, Internal storage capacity: 32 GB. Rear camera resolution (numeric): 13 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: Android 13. Battery capacity: 5000 mAh. Product colour: Grey. Weight: 190 g

Display

Display diagonal *	16.7 cm (6.56")
Panel type	IPS
Display resolution *	720 x 1612 pixels
Native aspect ratio	20:9
Contrast ratio (typical)	1000:1
Display brightness	400 cd/m²
Touchscreen type	Capacitive
Pixel density	269 ppi
Rounded display corners	✓

Processor

Processor family *	MediaTek
Processor model *	MT6762V
Processor architecture	ARM Cortex-A53
Processor cores	8
Processor frequency *	2 GHz
Coprocessor	✓

Storage

RAM capacity *	3 GB
RAM type	LPDDR4X
Internal storage capacity *	32 GB
Compatible memory cards *	MicroSD (TransFlash), MicroSDHC, MicroSDXC
Maximum memory card size	512 GB
Memory card slot type	Dedicated slot

Camera

Rear camera sensor size	1/3"
Rear camera resolution (numeric) *	13 MP
Depth camera resolution (numeric)	2 MP
Rear camera aperture number	2.2
Second rear camera aperture number	2.4
Rear camera pixel size	1.12 μm

Network

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	5.1
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	Dark Grey
International Protection (IP) code	IP51

Performance

Graphics card	IMG GE8320
Fingerprint reader	✗
Face recognition	✓
USB On-The-Go support	✓
Country of origin	China

Navigation

GPS (satellite)	✓
GLONASS	✓
BeiDou	✓
Galileo	✓

Camera

Second rear camera pixel size	1.75 µm
Rear camera field of view (FOV) angle	76.7°
Second rear camera field of view (FOV) angle	88.8°
Rear camera lens elements	4-element lens
Second rear camera lens elements	3-element lens
Front camera lens elements	3-element lens
Front camera type *	Single camera
Front camera sensor size	1/5"
Front camera resolution (numeric) *	5 MP
Front camera aperture number	2.2
Front camera pixel size	1.12 µm
Front camera field of view (FOV) angle	76.8°
Rear camera flash *	✔
Depth camera sensor size	5.08 mm (0.2")
Video capture resolution (max)	1920 x 1080 pixels
Maximum frame rate	30 fps
Rear camera type *	Dual camera
Auto focus	✔
3D depth rear camera	✔
3D depth front camera	✖
Face detection	✔
Camera High Dynamic Range (HDR) mode	✔
Image stabilizer	✖
Panorama	✔

Network

SIM card capability *	Dual SIM
Mobile network generation *	4G
SIM card type *	NanoSIM
3G standards *	HSPA+
5G standard *	Not supported

Navigation

Position location *	✔

Multimedia

FM radio	✔
Speakers	stereo
Speaker power	1 W
Audio formats supported	AAC, AMR, AWB, FLAC, HE-AAC, HE-AAC v2, MIDI, MP3, OPUS, Vorbis, WAV
Video formats supported	H.263, H.264, H.265, HEVC/H.265, MPEG2, MPEG4, VP8, VP9

Software

Platform *	Android
Operating system installed *	Android 13

Battery

Battery technology	Lithium Polymer (LiPo)
Battery voltage	5 V
Battery recharge time	3.2 h
Battery capacity *	5000 mAh
Talk time (3G) *	19 h
Talk time (4G)	14 h
Standby time (3G) *	1506 h
Standby time (4G)	904 h

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✖
Gyroscope	✖
Hall sensor	✖

Weight & dimensions

Width	75.4 mm
Depth	8.99 mm
Height	164.7 mm
Weight *	190 g
Package width	172 mm
Package depth	91 mm
Package height	35 mm
Package weight	313 g

Certificates

Certification	RoHS, REACH, SVHC-XVII-17, WEEE, UL94, UK CA

Packaging content

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

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