



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+ NDTVISION 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		Network	
Display diagonal *	16.7 cm (6.56")	Voice over LTE (VoLTE) supported	✓
Panel type	IPS	Wi-Fi	✓
Display resolution *	720 x 1612 pixels	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Native aspect ratio	20:9	Bluetooth *	✓
Contrast ratio (typical)	1000:1	Bluetooth version	5.1
Display brightness	400 cd/m ²	Wi-Fi Direct	✓
Touchscreen type	Capacitive	Near Field Communication (NFC)	✗
Pixel density	269 ppi		
Rounded display corners	✓		
Processor		Subscription	
Processor family *	MediaTek	Subscription type *	No subscription
Processor model *	MT6762V		
Processor architecture	ARM Cortex-A53	Ports & interfaces	
Processor cores	8	USB port *	✓
Processor frequency *	2 GHz	USB connector type	USB Type-C
Coprocessor	✓	USB version	2.0
		Headphone connectivity	3.5 mm
Storage		Design	
RAM capacity *	3 GB	Form factor *	Bar
RAM type	LPDDR4X	Product colour *	Grey
Internal storage capacity *	32 GB	Colour name	Dark Grey
Compatible memory cards *	MicroSD (TransFlash), MicroSDHC, MicroSDXC	International Protection (IP) code	IP51
Maximum memory card size	512 GB	Performance	
Memory card slot type	Dedicated slot	Graphics card	IMG GE8320
		Fingerprint reader	✗
Camera		Face recognition	✓
Rear camera sensor size	1/3"	USB On-The-Go support	✓
Rear camera resolution (numeric) *	13 MP	Country of origin	China
Depth camera resolution (numeric)	2 MP	Navigation	
Rear camera aperture number	2.2	GPS (satellite)	✓
Second rear camera aperture number	2.4	GLONASS	✓
Rear camera pixel size	1.12 μm	BeiDou	✓
		Galileo	✓

Camera		Navigation	
Second rear camera pixel size	1.75 µm	Position location *	✓
Rear camera field of view (FOV) angle	76.7°	Multimedia	
Second rear camera field of view (FOV) angle	88.8°	FM radio	✓
Rear camera lens elements	4-element lens	Speakers	stereo
Second rear camera lens elements	3-element lens	Speaker power	1 W
Front camera lens elements	3-element lens	Audio formats supported	AAC, AMR, AWB, FLAC, HE-AAC, HE-AAC v2, MIDI, MP3, OPUS, Vorbis, WAV
Front camera type *	Single camera	Video formats supported	H.263, H.264, H.265, HEVC/H.265, MPEG2, MPEG4, VP8, VP9
Front camera sensor size	1/5"	Software	
Front camera resolution (numeric) *	5 MP	Platform *	Android
Front camera aperture number	2.2	Operating system installed *	Android 13
Front camera pixel size	1.12 µm	Battery	
Front camera field of view (FOV) angle	76.8°	Battery technology	Lithium Polymer (LiPo)
Rear camera flash *	✓	Battery voltage	5 V
Depth camera sensor size	5.08 mm (0.2")	Battery recharge time	3.2 h
Video capture resolution (max)	1920 x 1080 pixels	Battery capacity *	5000 mAh
Maximum frame rate	30 fps	Talk time (3G) *	19 h
Rear camera type *	Dual camera	Talk time (4G)	14 h
Auto focus	✓	Standby time (3G) *	1506 h
3D depth rear camera	✓	Standby time (4G)	904 h
3D depth front camera	✗	Sensors	
Face detection	✓	Proximity sensor	✓
Camera High Dynamic Range (HDR) mode	✓	Accelerometer	✓
Image stabilizer	✗	Ambient light sensor	✗
Panorama	✓	Gyroscope	✗
Network		Hall sensor	✗
SIM card capability *	Dual SIM	Weight & dimensions	
Mobile network generation *	4G	Width	75.4 mm
SIM card type *	NanoSIM	Depth	8.99 mm
3G standards *	HSPA+	Height	164.7 mm
5G standard *	Not supported	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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