**TCL**

# TCL 40 SE 17.1 cm (6.75") Dual SIM Android 13 4G USB Type-C 4 GB 128 GB 5010 mAh Purple

**Brand :** TCL

**Product family:** 40

**Product code:**
T610K-2BLCA112

**Product name :** 40 SE

6.75" HD+ (720 x 1600), Mediatek Helio G37, 4GB RAM + 4GB RAM expansion, 128 GB ROM, 50 + 2 + 2 MP / 8 MP, 5010 mAh, 190 g, Android 13, Twilight Purple
TCL 40 SE. Display diagonal: 17.1 cm (6.75"), Display resolution: 720 x 1600 pixels. Processor family: MediaTek, Processor model: Helio G37. RAM capacity: 4 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 13. Battery capacity: 5010 mAh. Product colour: Purple. Weight: 190 g

## Display

| | |
|---|---|
| Display diagonal * | 17.1 cm (6.75") |
| Screen shape | Flat |
| Panel type | IPS |
| Display resolution * | 720 x 1600 pixels |
| Native aspect ratio | 20:9 |
| Contrast ratio (typical) | 1500:1 |
| Maximum refresh rate | 90 Hz |
| Display brightness | 450 cd/m² |
| Touchscreen type | Capacitive |
| Pixel density | 260 ppi |
| Fingerprint resistant | ✔ |
| Rounded display corners | ✔ |

## Processor

| | |
|---|---|
| Processor family * | MediaTek |
| Processor model * | Helio G37 |
| Processor architecture | ARM Cortex-A53 |
| Processor cores | 8 |
| Processor boost frequency | 2.3 GHz |
| Coprocessor | ✔ |
| Coprocessor model | A53 |

## Storage

| | |
|---|---|
| User memory | 106 GB |
| RAM capacity * | 4 GB |
| RAM expansion (max) | 4 GB |
| Internal storage capacity * | 128 GB |
| Compatible memory cards * | MicroSD (TransFlash), MicroSDHC, MicroSDXC |
| Maximum memory card size | 1 TB |
| Memory card hot swapping | ✔ |
| Memory card slot type | Dedicated slot |

## Camera

| | |
|---|---|
| Rear camera sensor size | 1/2.55" |

## Network

| | |
|---|---|
| Mobile network generation * | 4G |
| SIM card type * | NanoSIM |
| SIM card hot swapping | ✔ |
| 3G standards * | HSPA+ |
| 5G standard * | Not supported |
| Voice over LTE (VoLTE) supported | ✔ |
| Wi-Fi * | ✔ |
| Wi-Fi standards | 802.11a, 802.11g, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 4 (802.11n) |
| Bluetooth * | ✔ |
| Bluetooth version | 5.1 |
| Frequency band | Dual-band |
| 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 * | Purple |
| Colour name | Twilight Purple |
| International Protection (IP) code | IP51 |
| Housing material | Polycarbonate (PC), Polymethyl methacrylate (PMMA) |

## Performance

| | |
|---|---|
| Fast charging | ✔ |
| Graphics card | IMG GE8320 |

## Camera

| | |
|---|---|
| Rear camera resolution (numeric) * | 50 MP |
| Macro camera resolution (numeric) | 2 MP |
| Depth camera resolution (numeric) | 2 MP |
| Rear camera aperture number | 1.8 |
| Second rear camera aperture number | 2.4 |
| Third rear camera aperture number | 2.4 |
| Rear camera pixel size | 0.7 µm |
| Second rear camera pixel size | 1.75 µm |
| Third rear camera pixel size | 1.75 µm |
| Rear camera field of view (FOV) angle | 79.4° |
| Second rear camera field of view (FOV) angle | 88.8° |
| Third rear camera field of view (FOV) angle | 88.8° |
| Rear camera lens elements | 5-element lens |
| Second rear camera lens elements | 5-element lens |
| Third rear camera lens elements | 3-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 | 80.2° |
| Rear camera flash * | ✔ |
| Macro camera sensor size | 5.08 mm (0.2") |
| 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 * | Triple camera |
| Auto focus | ✔ |
| 3D depth rear camera | ✔ |
| 3D depth front camera | ✖ |
| Face detection | ✔ |
| Image stabilizer | ✔ |
| Image stabilizer type | Electronic Image Stabilization (EIS) |
| Panorama | ✔ |
| AI scene recognition | ✔ |

## Network

| | |
|---|---|
| SIM card capability * | Dual SIM |

## Performance

| | |
|---|---|
| Fingerprint reader | ✔ |
| Face recognition | ✔ |
| USB On-The-Go support | ✔ |
| Country of origin | China |

## Navigation

| | |
|---|---|
| GPS (satellite) | ✔ |
| GLONASS | ✔ |
| BeiDou | ✔ |
| Galileo | ✔ |
| Electronic compass | ✖ |
| Position location * | ✔ |

## Multimedia

| | |
|---|---|
| Speakers | stereo |
| Speaker power | 1 W |
| Audio formats supported | APE, MP3, AAC, AWB, AAC+, WAV, HE-AAC, HE-AAC v2, OGG, OPUS, PCM, eAAC+, FLAC, MIDI, AMR |
| Video formats supported | VP8, H.264, VP9, MPEG2, H.265, MPEG4, H.263 |

## Software

| | |
|---|---|
| Platform * | Android |
| Operating system installed * | Android 13 |
| Operating system fork | TCL UI 5.0 |

## Battery

| | |
|---|---|
| Battery technology | Lithium Polymer (LiPo) |
| Battery voltage | 9 V |
| Battery recharge time | 2 h |
| Battery capacity * | 5010 mAh |
| Talk time (3G) * | 38 h |
| Talk time (4G) | 41 h |
| Standby time (3G) * | 876 h |
| Standby time (4G) | 899 h |

## Sensors

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

## Weight & dimensions

| | |
|---|---|
| Width | 76.5 mm |
| Depth | 8.45 mm |
| Height | 167.9 mm |
| Weight * | 190 g |
| Package width | 172 mm |
| Package depth | 91 mm |
| Package height | 35 mm |
| Package weight | 313.04 g |

## Certificates

| | |
|---|---|
| Certification | RoHS, REACH, SVHC-XVII-17, WEEE, UL94 |

## Packaging content

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

**4894461958873**