# TCL C7L 55C7L TV 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black 2700 cd/m²



**Brand :** TCL **Product family:** C7L **Product code:** 55C7L

**Product name :** 55C7L

TCL C7L 55C7L. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: SQD-Mini LED, Screen shape: Flat, LED backlighting type: Mini LED. Smart TV. Display brightness: 2700 cd/m², Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-T, DVB-T2, DVB-S, DVB-S2. Wi-Fi, Ethernet LAN. Product colour: Black



| Display | |
|---|---|
| Display diagonal * | 139.7 cm (55") |
| HD type * | 4K Ultra HD |
| Display technology * | SQD-Mini LED |
| LED backlight | ✔ |
| LED backlighting type | Mini LED |
| Screen shape * | Flat |
| Native aspect ratio * | 16:9 |
| Display brightness * | 2700 cd/m² |
| Native refresh rate | 144 Hz |
| Display refresh rates supported | 120 Hz, 288 Hz |
| Display number of colours | 1.07 billion colours |
| Viewing angle, horizontal | 178° |
| Viewing angle, vertical | 178° |
| Display resolution * | 3840 x 2160 pixels |
| Display diagonal (metric) | 138.8 cm |
| Colour gamut standard | Rec. 2020 |

| TV tuner | |
|---|---|
| Digital signal format system * | DVB-C, DVB-T, DVB-T2, DVB-S, DVB-S2 |

| Smart TV | |
|---|---|
| Smart TV * | ✔ |
| Internet TV * | ✔ |
| Operating system installed * | Google TV |
| Apple AirPlay 2 support | ✔ |
| Hybrid Broadcast Broadband TV (HbbTV) | ✔ |
| Smart modes | Vivid, Standard, Filmmaker, Movie, Game, PC, IMAX Enhanced, Dolby Vision IQ |
| Built-in Chromecast | ✔ |
| Video apps | Netflix, YouTube, Amazon Prime Video, Apple TV, Disney+ |
| Music apps | Spotify |

| Ports & interfaces | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |
| Digital audio optical out | 1 |
| Headphone outputs | 1 |
| RF ports quantity | 2 |
| RF connector type | F, IEC |
| Common interface (CI) * | ✔ |
| Common interface Plus (CI+) * | ✔ |
| HDMI ports quantity * | 4 |
| Consumer Electronics Control (CEC) | T-link |
| AC (power) in | ✔ |

| Management features | |
|---|---|
| Electronic Programme Guide (EPG) | ✔ |
| Picture-in-Picture | ✘ |
| Hotel mode | ✘ |
| Basic hotel mode | ✘ |
| Works with Amazon Alexa | ✔ |
| Works with the Google Assistant | ✔ |
| Works with Samsung Bixby | ✘ |
| Works with Apple Siri | ✘ |

| Power | |
|---|---|
| Power consumption (typical) * | 260 W |
| Power consumption (standby) * | 0.5 W |
| Energy efficiency class (SDR) * | E |
| Energy efficiency class (HDR) * | G |
| Energy consumption (SDR) per 1000 hours * | 64 kWh |
| Energy consumption (HDR) per 1000 hours * | 250 kWh |
| AC input voltage | 220 - 240 V |
| AC input frequency | 50/60 Hz |
| Energy saving mode | ✔ |

| Audio | |
|---|---|
| Number of speakers * | 2 |
| Audio output channels | 2.2 channels |
| Built-in subwoofer | ✔ |
| Audio decoders | Dolby Atmos, DTS:X |
| Sound modes | Game, Movie, Music, Sports, Custom, Speech |
| Enhanced Audio Return Channel (eARC) | ✔ |

| Network | |
|---|---|
| Wi-Fi * | ✔ |
| Wi-Fi band | Dual-band (2.4 GHz / 5 GHz) |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac) |
| Bluetooth * | ✔ |
| Bluetooth version | 5.4 |
| Ethernet LAN * | ✔ |
| Bluetooth profiles | A2DP, HID |
| Miracast | ✔ |
| Web browser | ✔ |

| Design | |
|---|---|
| Product colour * | Black |
| VESA mounting * | ✔ |
| Panel mounting interface | 300 x 300 mm |
| Frameless design | ✔ |
| Introduction year | 2026 |
| Stand type | Center stand |

| Performance | |
|---|---|
| High Dynamic Range (HDR) technology | Dolby Vision, Dolby Vision IQ, Hybrid Log-Gamma (HLG), High Dynamic Range 10+ (HDR10 Plus) |
| Subtitles function | ✔ |
| Video formats supported | AVI, MKV |
| Audio formats supported | MP3, WMA |
| Image formats supported | BMP, JPEG, PNG, HEIF |
| Video compression formats | H.264, H.265, MPEG2, MPEG1, MPEG4, WMV, AV1, VC1, VP8, VP9 |
| Backlight dimming technology | Precision Dimming |
| Picture processing technology | TSR AiPQ Processor |
| High Dynamic Range (HDR) supported * | ✔ |
| Processor cores | 4 |
| AMD FreeSync | ✔ |
| AMD FreeSync type | FreeSync Premium Pro |
| Game features | Variable Refresh Rate (VRR), Game Master, Game Bar |
| Multi View | ✔ |
| Parental control | ✔ |
| USB recording | ✔ |
| DVD player | ✘ |

| Ports & interfaces | |
|---|---|
| HDMI version | 1.4/2.0/2.1 |
| Audio Return Channel (ARC) | ✔ |
| HDCP | ✔ |
| HDCP version | 1.4/2.2 |
| Ethernet LAN (RJ-45) ports | 1 |

| Power | |
|---|---|
| Energy efficiency scale | A to G |

| Operational conditions | |
|---|---|
| Operating temperature (T-T) | 5 - 35 °C |

| Technical details | |
|---|---|
| Internal memory | 64000 MB |
| Processor | MT9653 |

| Brand-specific features | |
|---|---|
| TCL technologies (AV/TV) | HVA Screen, 288Hz Game Accelerator |

| Weight & dimensions | |
|---|---|
| Width (with stand) | 1226 mm |
| Depth (with stand) | 270 mm |
| Height (with stand) | 760 mm |
| Weight (with stand) | 14.5 kg |
| Width (without stand) | 1226 mm |
| Depth (without stand) | 56 mm |
| Height (without stand) | 710 mm |
| Weight (without stand) | 13.3 kg |
| Stand width | 31.5 cm |
| Stand depth | 27 cm |

| Packaging data | |
|---|---|
| Package width | 150 mm |
| Package depth | 1400 mm |
| Package height | 875 mm |
| Package weight | 19 kg |

| Packaging content | |
|---|---|
| Desktop stand | ✔ |
| Cables included | AC |
| Remote control included | ✔ |
| Remote control type | RC833A |
| Soundbar included | ✘ |

| Logistics data | |
|---|---|
| Products per intermodal container (20ft) | 126 pc(s) |
| Products per intermodal container (40ft, HC) | 380 pc(s) |

| Other features | |
|---|---|
| Cable management | ✔ |
| Processor architecture | ARM Cortex-A73 |
| Storage temperature (T-T) | -15 - 45 °C |
| Operating relative humidity (H-H) | 20 - 75% |
| Storage relative humidity (H-H) | 10 - 90% |
| Digital Living Network Alliance (DLNA) certified | ✔ |
| Warranty period | 1 year(s) |

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