

TCL C65 Series Serie C6 Smart TV QLED 4K 50" 50C655, Dolby Vision, Dolby Atmos, Google TV

Brand : TCL

Product family: C65 Series

Product code: 50C655

Product name : TCL Serie C6
Smart TV QLED 4K 50" 50C655,
Dolby Vision, Dolby Atmos,
Google TV

- QLED PRO
- AiPQ PRO PROCESSOR
- T-SCREEN PRO
- ONKYO 2.1CH
- Slim & Uni-body
- DLG 120Hz
- Dolby Vision•Atmos
- HDR10+
- Multiple Eye Care
- 2GB+16GB

Serie C6 Smart TV QLED 4K 50" 50C655, Dolby Vision, Dolby Atmos, Google TV

TCL C65 Series Serie C6 Smart TV QLED 4K 50" 50C655, Dolby Vision, Dolby Atmos, Google TV. Display diagonal: 127 cm (50"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QLED, Screen shape: Flat, LED backlighting type: Direct-LED. Smart TV. Motion interpolation technology: PPI (Picture Performance Index) 3200, Display brightness: 450 cd/m², Response time: 15 ms, Contrast ratio (typical): 5000:1. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Titanium



Display		Performance	
Display diagonal *	127 cm (50")	Smartphone/tablet remote support	✓
HD type *	4K Ultra HD	USB recording	✗
Display technology *	QLED	DVD player	✗
LED backlight	✓	Ports & interfaces	
LED backlighting type	Direct-LED	HDMI version	2.1
Screen shape *	Flat	HDMI Quick Switch	✓
Native aspect ratio *	16:9	Audio Return Channel (ARC)	✓
Display brightness *	450 cd/m ²	HDCP	✓
Response time	15 ms	HDCP version	2.2
Motion interpolation technology *	PPI (Picture Performance Index) 3200	PC in (D-Sub) *	✗
Native refresh rate	60 Hz	Ethernet LAN (RJ-45) ports	1
Contrast ratio (typical) *	5000:1	USB 2.0 ports quantity *	1
Dynamic contrast ratio marketing name	Mega Contrast	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Viewing angle, horizontal	178°	Audio (L/R) in	1
Viewing angle, vertical	178°	Digital audio optical out	1
Display resolution *	3840 x 2160 pixels	RF ports quantity	2
Display diagonal (metric)	125.7 cm	RF connector type	F, IEC
Anti-glare screen	✓	Common interface (CI) *	✓
Colour gamut standard	Rec. 709	Common interface Plus (CI+) *	✓
Peak luminance ratio	76%	Common interface Plus (CI+) version	1.4
TV tuner		HDMI ports quantity *	3
Tuner type *	Analog & digital	Consumer Electronics Control (CEC)	T-link
Analog signal format system *	NTSC, PAL BG, PAL DK, PAL I, PAL L, SECAM B/G, SECAM D/K, SECAM L	Management features	
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	Voice control	✓
Auto channel search	✓	Electronic Programme Guide (EPG)	✓
Smart TV		Programming period	8 day(s)
Smart TV *	✓	On Screen Display (OSD)	✓
Internet TV *	✓	Number of OSD languages	29
Operating system installed *	Google TV		

Smart TV		Management features	
Operating system version	ATV 12.0		ALB, Bulgarian, Croatian, Czech, Danish, German, Dutch, English, Spanish, Estonian, Finnish, French, Greek, Hungarian, Italian, LAT, Lithuanian, MAC, Norwegian, Polish, Portuguese, Romanian, Russian, SER, Slovak, Slovenian, Swedish, Turkish, Ukrainian
Timeshift	✓	On Screen Display (OSD) languages	
Apple AirPlay 2 support	✓	Picture-in-Picture	✗
Hybrid Broadcast Broadband TV (HbbTV)	✓	Hotel mode	✗
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.2	Basic hotel mode	✗
Smart modes	Sports	Auto power off	✓
Built-in Chromecast	✓	Sleep timer	✓
App distribution platform	Google Play	Firmware upgradeable	✓
Video apps	Amazon Prime Video, Apple TV, Netflix, YouTube	Firmware upgradeable via	Network, USB
Audio		Works with Amazon Alexa	✓
Number of speakers *	2	Works with the Google Assistant	✓
RMS rated power *	20 W	Works with Samsung Bixby	✗
Audio output channels	2.0 channels	Works with Apple Siri	✗
Built-in subwoofer	✗	Power	
Audio decoders	DTS Virtual:X, DTS-HD, Dolby Atmos, Dolby Audio, Dolby TrueHD	Power consumption (typical) *	140 W
Equalizer	✓	Power consumption (standby) *	0.5 W
Auto volume leveller	✓	Energy efficiency class (SDR) *	F
Enhanced Audio Return Channel (eARC)	✓	Energy efficiency class (HDR) *	G
Network		Energy consumption (SDR) per 1000 hours *	65 kWh
Wi-Fi *	✓	Energy consumption (HDR) per 1000 hours *	115 kWh
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	AC input voltage	220 - 240 V
Bluetooth *	✓	AC input frequency	50 Hz
Bluetooth version	5.0	Energy efficiency scale	A to G
Ethernet LAN *	✓	Brand-specific features	
Bluetooth profiles	A2DP, HID, SBC		4K HDR Pro, Apple AirPlay, DTS HD, Dolby Atmos®, Dolby Audio®, Game Master 3.0, Google TV, HDMI ARC, HDMI eARC, HDR (High Dynamic Range), Motion Clarity, T-cast
Miracast	✓	TCL technologies (AV/TV)	
Web browser	✓	Weight & dimensions	
Design		Width (with stand)	1111 mm
Product colour *	Titanium	Depth (with stand)	297 mm
VESA mounting *	✓	Height (with stand)	709 mm
Panel mounting interface	300 x 300 mm	Weight (with stand)	9.3 kg
LED indicators	✓	Width (without stand)	1111 mm
Frameless design	✓	Depth (without stand)	72 mm
Introduction year	2024	Height (without stand)	646 mm
Stand type	Legs stand	Weight (without stand)	9 kg
Performance		Stand width	85.7 cm
High Dynamic Range (HDR) technology	Dolby Vision, Dolby Vision IQ, High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Stand depth	29.7 cm
Game mode	✓	Packaging data	
Teletext function	✓	Package width	1265 mm
Subtitles function	✓	Package depth	135 mm
Video formats supported	AVI, MKV, MP4, MPG, TS, VP9, WEBM, WMV	Package height	775 mm
Audio formats supported	MP3, WMA	Package weight	12.7 kg
Image formats supported	BMP, HEIF, JPG, PNG	Packaging content	
Video compression formats	AV1, H.264, H.265, VP9	Desktop stand	✓
Ambient mode	Yes	Remote control included	✓
AI Upscale	✓	Remote control type	RC833
Picture processing technology	TCL AiPQ Pro Engine	Soundbar included	✗
Noise reduction *	✓	Other features	
High Dynamic Range (HDR) supported *	✓	Doesn't contain	Cadmium
Processor cores	4		

Performance

Game features

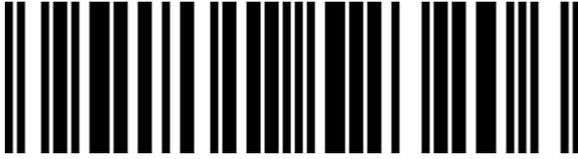
Auto Low Latency Mode (ALLM),
Game Bar, Game Master 3.0

Adaptive picture

**Other features**Digital Living Network Alliance
(DLNA) certified

Warranty period

2 year(s)



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