TCL C8L 65C8L TV 165.1 cm (65") 4K Ultra HD Smart TV Wi-Fi Black 6000 cd/m²



Brand : TCL **Product family:** C8L **Product code:** 65C8L

Product name : 65C8L

TCL C8L 65C8L. Display diagonal: 165.1 cm (65"), 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. Motion interpolation technology: PPI (Picture Perfomance Index) 5500, Display brightness: 6000 cd/m², Response time: 5.7 ms, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black



Display	
Display diagonal *	165.1 cm (65")
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
Screen format adjustments	4:3, 16:9, Zoom
Display brightness *	6000 cd/m²
Response time	5.7 ms
Progressive scan	✔
Motion interpolation technology *	PPI (Picture Perfomance Index) 5500
Native refresh rate	144 Hz
Display refresh rates supported	120 Hz, 288 Hz
Dynamic contrast ratio marketing name	Mega Contrast
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)	165 cm
Anti-glare screen	✔
Colour gamut standard	Rec. 2020

TV tuner	
Tuner type *	Analog & digital
Analog signal format system *	NTSC, PAL, SECAM
Digital signal format system *	DVB-C, DVB-S2, DVB-T2
Number of tuners	1 tuner(s)
Auto channel search	✔

Smart TV	
Smart TV *	✔
Internet TV *	✔
Operating system installed *	Google TV
Operating system version	14.0
Timeshift	✘
Screen mirroring	✔

Ports & interfaces	
Common interface Plus (CI+) *	✔
Common interface Plus (CI+) version	1.4
HDMI ports quantity *	4
Consumer Electronics Control (CEC)	T-link
AC (power) in	✔

Management features	
Voice control	✔
Electronic Programme Guide (EPG)	✔
Programming period	8 day(s)
Number of OSD languages	29
On Screen Display (OSD) languages	ALB, Bulgarian, Croatian, Czech, Danish, German, Dutch, English, Spanish, Estonian, Finnish, French, Greek, Hungarian, Italian, Latvian, Lithuanian, MAC, Norwegian, Polish, Portuguese, Romanian, Russian, SER, Slovak, Slovenian, Swahili, Turkish, Ukrainian
Picture-in-Picture	✔
Hotel mode	✘
Basic hotel mode	✘
ECO mode	✔
Auto power off	✔
Sleep timer	✔
On/Off timer	✔
Firmware upgradeable	✔
Works with Amazon Alexa	✔
Works with the Google Assistant	✔
Works with Samsung Bixby	✘
Works with Apple Siri	✔

Power	
Power consumption (typical) *	400 W
Power consumption (standby) *	0.5 W
Energy efficiency class (SDR) *	D
Energy efficiency class (HDR) *	G

Smart TV	
Video on Demand (VOD) support	✔
Apple AirPlay 2 support	✔
Hybrid Broadcast Broadband TV (HbbTV)	✔
Smart modes	Vivid, Standard, Filmmaker, Movie, Game, PC, IMAX Enhanced, Dolby Vision IQ, Dolby Vision Game
Built-in Chromecast	✔
Video apps	Amazon Prime Video, Netflix, YouTube, Apple TV, Disney+, Google TV, HBO, HBO Max, PLEX, Paramount+, Twitch, Youtube TV
Music apps	Deezer, Spotify, Tidal, YouTube Music, TuneIn
Sports apps	BBC Sports
Lifestyle apps	TCL Home, Google Apps

Audio	
Number of speakers *	2
RMS rated power *	240 W
Built-in subwoofer	✔
Audio decoders	Dolby Atmos, DTS:X
Equalizer	✔
Sound modes	Movie, Custom, Speech, Music, Game, Sports
Auto volume leveller	✔
Enhanced Audio Return Channel (eARC)	✔

Network	
Wi-Fi *	✔
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Bluetooth *	✔
Bluetooth version	5.4
Ethernet LAN *	✔
Wi-Fi Direct	✔
Bluetooth profiles	A2DP, HID
Browsing	✔
Web browser	✔

Design	
Product colour *	Black
Colour name	Black
VESA mounting *	✔
Panel mounting interface	300 x 300 mm
On/off switch	✔
Ambient lighting	✔
Frameless design	✔
Introduction year	2026
Stand type	Center stand

Performance	
High Dynamic Range (HDR) technology	Dolby Vision, Dolby Vision IQ, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG), Dolby Vision Gaming
Game mode	✔
Teletext function	✔
Subtitles function	✔
Video formats supported	AVI, H.264, H.265, MKV, MP4, MPG, TS, VP9, WEBM, WMV
Audio formats supported	MP3, WMA

Power	
Energy consumption (SDR) per 1000 hours *	67 kWh
Energy consumption (HDR) per 1000 hours *	300 kWh
AC input voltage	220 - 240 V
AC input frequency	60 Hz
Energy saving mode	✔
Energy efficiency scale	A to G

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

Certificates	
Digital Living Network Alliance (DLNA) specification	DMR

Technical details	
Internal memory	64000 MB
Processor	MT9655

Battery	
Battery weight	15 g
Battery technology	Alkaline

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

Weight & dimensions	
Width (with stand)	1434 mm
Depth (with stand)	368 mm
Height (with stand)	860 mm
Weight (with stand)	23.1 kg
Width (without stand)	1434 mm
Depth (without stand)	50 mm
Height (without stand)	824 mm
Weight (without stand)	21.1 kg
Stand width	38.8 cm
Stand depth	36.8 cm

Packaging data	
Warranty card	✔
Quick start guide	✔
Package weight	30.6 kg
Package width	1645 mm
Package depth	165 mm
Package height	1000 mm
Package weight	30.6 kg

Packaging content	
TV frame included	✘
Desktop stand	✔
Mounting kit	✘
Cables included	AC
Remote control included	✔
Remote control type	RC933B
Smart Remote included	✔
Soundbar included	✘
E-manual	✔

Performance	
Image formats supported	BMP, HEIF, JPG, PNG
Video compression formats	H.264, H.265, MPEG2, MPEG1, MPEG4, WMV, AV1, VC1, VP8, VP9
Picture processing technology	TCL AiPQ Pro Processor
High Dynamic Range (HDR) supported *	✔
Processor cores	4
Image gallery	✔
Multi-screen	✔
AMD FreeSync	✔
AMD FreeSync type	FreeSync Premium Pro
NVIDIA G-SYNC	✘
Game features	4K HFR (High Frame Rate), Auto Low Latency Mode (ALLM), Variable Refresh Rate (VRR), Game Bar 4.0
Calman Ready	✔
4K Ultra HD upscaling	✔
SmartThings app support	✘
Multi View	✔
Parental control	✔
Smartphone/tablet remote support	✔
USB recording	✘
DVD player	✘

Ports & interfaces	
HDMI version	2.1
Audio Return Channel (ARC)	✔
Mobile High-Definition Link (MHL)	✔
HDCP	✔
PC in (D-Sub) *	✘
DVI port	✘
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
PC Audio in	✘
Digital audio optical out	1
RF ports quantity	1
RF connector type	F, IEC
Common interface (CI) *	✔

Packaging content	
Manual languages	ALB, Bulgarian, Croatian, Czech, Danish, German, Dutch, English, Spanish, Estonian, Finnish, French, Greek, Hungarian, Italian, Latvian, Lithuanian, MAC, Norwegian, Polish, Portuguese, Romanian, Russian, SER, Slovak, Slovenian, Swedish, Turkish, Ukrainian
Adjustable cabinet stand	✔

Logistics data	
Master (outer) case height	1000 mm
Master (outer) case width	1645 mm
Products per master (outer) case	1 pc(s)
Master (outer) case length	165 mm
Products per pallet layer	5 pc(s)
Master (outer) case gross weight	30.6 kg
Products per intermodal container (20ft)	94 pc(s)
Products per intermodal container (40ft, HC)	200 pc(s)
Pallet net width	165 cm
Pallet net length	80 cm
Pallet net height	2.15 m
Pallet net weight	325 kg
Pallet gross width	165 cm
Pallet gross length	80 cm
Pallet gross height	2.15 m
Pallet gross weight	325 kg
Products per pallet	10 pc(s)

Other features	
3D	✘
Wi-Fi ready	✔
Batteries included	✔
Apple HomeKit support	✔
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%
Built-in camera	✘
Country of origin	Poland
Digital Living Network Alliance (DLNA) certified	✔
Warranty period	2 year(s)
Google applications	Google Home

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Publication date: 01-NOV-2026. Prints or copies of Information are only valid on the printed Publication date