



TCL P8L 98P8L TV 2.49 m (98") 4K Ultra HD Smart TV Wi-Fi Black 1000 cd/m²

Brand : TCL

Product family: P8L

Product code: 98P8L

Product name : 98P8L

TCL P8L 98P8L. Display diagonal: 2.49 m (98"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QD-Mini LED, Screen shape: Flat, LED backlighting type: QD-Mini LED. Smart TV. Motion interpolation technology: PPI (Picture Performance Index) 3800, Display brightness: 1000 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		Ports & interfaces	
Display diagonal *	2.49 m (98")	Common interface Plus (CI+) *	✓
HD type *	4K Ultra HD	Common interface Plus (CI+) version	1.4
Display technology *	QD-Mini LED	HDMI ports quantity *	4
LED backlight	✓	Consumer Electronics Control (CEC)	T-link
LED backlighting type	QD-Mini LED	AC (power) in	✓
Screen shape *	Flat	Management features	
Native aspect ratio *	16:9	Voice control	✓
Display brightness *	1000 cd/m²	Electronic Programme Guide (EPG)	✓
Response time	5.7 ms	Programming period	8 day(s)
Progressive scan	✓	Number of OSD languages	29
Motion interpolation technology *	PPI (Picture Performance Index) 3800	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
Native refresh rate	144 Hz		
Display refresh rates supported	120 Hz, 144 Hz, 288 Hz		
Dynamic contrast ratio marketing name	Mega Contrast		
Viewing angle, horizontal	178°	Picture-in-Picture	✓
Viewing angle, vertical	178°	Hotel mode	✗
Display resolution *	3840 x 2160 pixels	Basic hotel mode	✗
Display diagonal (metric)	249 cm	ECO mode	✓
Colour gamut standard	DCI-P3	Auto power off	✓
TV tuner		Sleep timer	✓
Tuner type *	Analog & digital	On/Off timer	✓
Analog signal format system *	NTSC, PAL, SECAM	Firmware upgradeable	✓
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	Works with Amazon Alexa	✓
Number of tuners	1 tuner(s)	Works with the Google Assistant	✓
Auto channel search	✓	Works with Samsung Bixby	✗
Smart TV		Works with Apple Siri	✓
Smart TV *	✓	Power	
Internet TV *	✓	Power consumption (typical) *	400 W
Operating system installed *	Google TV	Power consumption (standby) *	0.5 W
Operating system version	12.0	Energy efficiency class (SDR) *	E
Timeshift	✗	Energy efficiency class (HDR) *	G
Screen mirroring	✓	Energy consumption (SDR) per 1000 hours *	155 kWh
Video on Demand (VOD) support	✓		
Apple AirPlay 2 support	✓		

Smart TV		Power	
Hybrid Broadcast Broadband TV (HbbTV)	✔	Energy consumption (HDR) per 1000 hours *	290 kWh
Smart modes	Movie, Sports, Standard, Filmmaker, Game, PC	AC input voltage	220 - 240 V
Built-in Chromecast	✔	AC input frequency	50 Hz
Video apps	Amazon Prime Video, Netflix, YouTube, Apple TV, Disney+, Google TV, HBO, HBO Max, PLEX, Paramount+, Twitch, Youtube TV	Energy saving mode	✔
	Deezer, Spotify, Tidal, YouTube Music, Tuneln	Energy efficiency scale	A to G
Music apps	BBC Sports	Certificates	
		Digital Living Network Alliance (DLNA) specification	DMR
Audio		Technical details	
RMS rated power *	40 W	RAM capacity	2 GB
Audio output channels	2.1 channels	Internal memory	64000 MB
Built-in subwoofer	✔	Processor	MT9653
Subwoofer RMS power	20 W	Battery	
Audio decoders	Dolby Atmos, DTS Virtual:X, DTS:X	Battery weight	15 g
Equalizer	✔	Battery technology	Alkaline
Sound modes	Dynamic, Movie, Music, Voice, Game, Sports, Standard	Brand-specific features	
Auto volume leveller	✔	TCL technologies (AV/TV)	HVA Screen, 288Hz Game Accelerator, Google Cast, Onkyo Sound
Enhanced Audio Return Channel (eARC)	✔	Weight & dimensions	
Network		Width (with stand)	2178 mm
Wi-Fi *	✔	Depth (with stand)	420 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Height (with stand)	1285 mm
Bluetooth *	✔	Weight (with stand)	52.8 kg
Bluetooth version	5.4	Width (without stand)	2178 mm
Ethernet LAN *	✔	Depth (without stand)	64 mm
Wi-Fi Direct	✔	Height (without stand)	1247 mm
Bluetooth profiles	A2DP, HID	Weight (without stand)	51.8 kg
Browsing	✔	Stand width	170.9 cm
Web browser	✔	Stand depth	42 cm
Design		Packaging data	
Product colour *	Black	Warranty card	✔
Colour name	Black	Quick start guide	✔
VESA mounting *	✔	Package weight	73 kg
Panel mounting interface	600 x 500 mm	Package width	2384 mm
On/off switch	✔	Package depth	215 mm
Ambient lighting	✘	Package height	1430 mm
Frameless design	✔	Package weight	73 kg
Introduction year	2026	Packaging content	
Stand type	Legs stand	TV frame included	✘
Performance		Desktop stand	✔
High Dynamic Range (HDR) technology	Dolby Vision, Dolby Vision IQ, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG), High Dynamic Range 10+ (HDR10 Plus)	Mounting kit	✘
Game mode	✔	Cables included	AC
Teletext function	✔	Remote control included	✔
Subtitles function	✔	Remote control type	RC833A
Video formats supported	AVI, H.264, H.265, MKV, MP4, MPG, TS, VP9, WEBM, WMV	Smart Remote included	✔
Audio formats supported	MP3, WMA	Soundbar included	✘
Image formats supported	BMP, HEIF, JPG, PNG	E-manual	✔
Video compression formats	H.264, H.265, MPEG2, MPEG1, MPEG4, WMV, VC1, VP8, VP9, AV1	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
Backlight dimming technology	Local Dimming		Adjustable cabinet stand

Performance		Logistics data	
Picture processing technology	TCL AiPQ Pro Processor	Master (outer) case height	1430 mm
High Dynamic Range (HDR) supported *	✓	Master (outer) case width	2384 mm
Processor cores	4	Products per master (outer) case	1 pc(s)
AMD FreeSync	✓	Master (outer) case length	215 mm
AMD FreeSync type	FreeSync Premium Pro	Master (outer) case gross weight	73 kg
NVIDIA G-SYNC	✗	Products per intermodal container (20ft)	20 pc(s)
Game features	4K HFR (High Frame Rate), Auto Low Latency Mode (ALLM), Variable Refresh Rate (VRR), Game Bar 4.0	Products per intermodal container (40ft, HC)	50 pc(s)
Calman Ready	✓	Pallet net width	2.4 m
4K Ultra HD upscaling	✓	Pallet net length	115 cm
SmartThings app support	✗	Pallet net height	157 cm
Smartphone/tablet remote support	✓	Pallet net weight	413.9 kg
USB recording	✗	Pallet gross width	2.4 m
DVD player	✗	Pallet gross length	115 cm
Ports & interfaces		Pallet gross height	157 cm
HDMI version	2.1	Pallet gross weight	413.9 kg
Audio Return Channel (ARC)	✓	Products per pallet	5 pc(s)
Mobile High-Definition Link (MHL)	✓	Other features	
HDCP	✓	3D	✗
PC in (D-Sub) *	✗	Wi-Fi ready	✓
DVI port	✗	Batteries included	✓
Ethernet LAN (RJ-45) ports	1	Apple HomeKit support	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Processor architecture	ARM Cortex-A73
PC Audio in	✗	Processor frequency	1.39 GHz
Digital audio optical out	1	Built-in camera	✗
RF ports quantity	1	Country of origin	Poland
RF connector type	F, IEC	Digital Living Network Alliance (DLNA) certified	✓
Common interface (CI) *	✓	Google applications	Google Cast, Google Duo, Google Photos, Google Play Music, Google Play Movies, Google Play, YouTube



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