TCL QLED780L 50QLED780L TV 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black



Brand : TCL **Product family:** QLED780L **Product code:** 50QLED780L

Product name : 50QLED780L

TCL QLED780L 50QLED780L. Display diagonal: 127 cm (50"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QLED, Screen shape: Flat. Smart TV. Motion interpolation technology: PPI (Picture Performance Index) 3500, Response time: 15 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 *	127 cm (50")
HD type *	4K Ultra HD
Display technology *	QLED
LED backlight	✔
Screen shape *	Flat
Native aspect ratio *	16:9
Screen format adjustments	4:3, 16:9, Zoom
Response time	15 ms
Progressive scan	✔
Motion interpolation technology *	PPI (Picture Performance Index) 3500
Native refresh rate	60 Hz
Display refresh rates supported	48 Hz, 60 Hz
Dynamic contrast ratio marketing name	Mega Contrast
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	127 cm

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	12.0
Timeshift	✘
Screen mirroring	✔
Video on Demand (VOD) support	✔
Apple AirPlay 2 support	✔
Hybrid Broadcast Broadband TV (HbbTV)	✔
Built-in Chromecast	✔

Ports & interfaces	
RF ports quantity	1
RF connector type	F, IEC
Common interface (CI) *	✔
Common interface Plus (CI+) *	✔
Common interface Plus (CI+) version	1.4
HDMI ports quantity *	3
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	✔

Smart TV	
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	
RMS rated power *	20 W
Equalizer	✔
Auto volume leveller	✔
Enhanced Audio Return Channel (eARC)	✔

Network	
Wi-Fi *	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Bluetooth *	✔
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	✘
Introduction year	2026

Performance	
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)
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
Image formats supported	BMP, HEIF, JPG, PNG
Video compression formats	AVI, H.264, H.265, MKV, MP4, MPG, TS, VP9, WEBM, WMV
Picture processing technology	TCL AiPQ Processor
High Dynamic Range (HDR) supported *	✔
Processor cores	4
Image gallery	✔
Multi-screen	✔
AMD FreeSync	✔
AMD FreeSync type	FreeSync
NVIDIA G-SYNC	✘
Game features	Auto Low Latency Mode (ALLM), Game Bar 2.0, Variable Refresh Rate (VRR), Game Master
Calman Ready	✘
4K Ultra HD upscaling	✔
SmartThings app support	✘

Power	
Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	60 kWh
Energy consumption (HDR) per 1000 hours *	90 kWh
AC input voltage	220 - 240 V
AC input frequency	50 Hz
Energy saving mode	✔
Energy efficiency scale	A to G

Certificates	
Digital Living Network Alliance (DLNA) specification	DMR

Battery	
Battery weight	15 g
Battery technology	Alkaline

Weight & dimensions	
Width (with stand)	1111 mm
Depth (with stand)	280 mm
Height (with stand)	697 mm
Weight (with stand)	8.9 kg
Width (without stand)	1111 mm
Depth (without stand)	69.5 mm
Height (without stand)	646 mm
Weight (without stand)	8.7 kg

Packaging data	
Warranty card	✔
Quick start guide	✔
Package weight	12.1 kg
Package width	1265 mm
Package depth	1265 mm
Package height	775 mm
Package weight	12.1 kg

Packaging content	
TV frame included	✘
Desktop stand	✔
Mounting kit	✘
Cables included	AC
Smart Remote included	✔
Soundbar included	✘
E-manual	✔
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	775 mm
Master (outer) case width	1265 mm
Products per master (outer) case	1 pc(s)
Master (outer) case length	1265 mm
Products per pallet layer	8 pc(s)
Master (outer) case gross weight	12.1 kg
Pallet net width	130 cm
Pallet net length	115 cm

Performance	
Parental control	✔
Smartphone/tablet remote support	✔
USB recording	✘

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

Logistics data	
Pallet net height	167.7 cm
Pallet net weight	225.1 kg
Pallet gross width	130 cm
Pallet gross length	115 cm
Pallet gross height	167.7 cm
Pallet gross weight	225.1 kg
Products per pallet	16 pc(s)

Other features	
3D	✘
Wi-Fi ready	✔
Batteries included	✔
Apple HomeKit support	✘
Built-in camera	✘
Country of origin	Poland
Digital Living Network Alliance (DLNA) certified	✔
Warranty period	2 year(s)
Google applications	Google Cast, Google Chromecast, Google Duo, Google Home, Google Music, Google Photos, Google Play, Google Play Games, Google Play Movies, Google Play Music, Google Play Store, YouTube

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Catalog Object Cloud

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