TCL 50P71K, 127 cm (50"), 3840 x 2160 pixels, QLED, Smart TV, Wi-Fi, Aluminium

60 Hz



Group	Flat Screens
Manufacturer	TCL
Manufacturer item no.	50P71K
EAN/UPC	5901292527006

Description

TCL 50P71K. 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) 3400, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-T2, DVB-S2. Wi-Fi, Ethernet LAN. Product colour: Aluminium

Main features

	General
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	Yes
Motion interpolation technology	PPI (Picture Performance Index) 3400
Native aspect ratio	16:9
Digital signal format system	DVB-C, DVB-T2, DVB-S2
Wi-Fi	Yes
Ethernet LAN	Yes
Product colour	Aluminium

Extended details

	Display
Display diagonal	127 cm (50")
HD type	4K Ultra HD
Display resolution	3840 x 2160 pixels
Display technology	QLED

LED backlight	Yes
LED backlighting type	Direct-LED
Screen shape	Flat
Native aspect ratio	16:9
Motion interpolation technology	PPI (Picture Performance Index) 3400
Native refresh rate	60 Hz
Dynamic contrast ratio marketing name	Mega Contrast
Display diagonal (metric)	127 cm
Colour gamut standard	DCI-P3
Peak luminance ratio	75%
Viewable size diagonal	126 cm
	Smart TV
Smart TV	Yes
Internet TV	Yes
Operating system installed	Google TV
Operating system version	12
Hybrid Broadcast Broadband TV (HbbTV)	Yes
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.2
Smart modes	Sports
App distribution platform	Google Play
Video apps	Amazon Prime Video, Apple TV, Netflix, YouTube
	Network
Wi-Fi	Yes
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	Yes
Bluetooth version	5.4
Ethernet LAN	Yes
Bluetooth profiles	A2DP, HID
Miracast	Yes
	Design
Product colour	Aluminium
VESA mounting	No
Panel mounting interface	300 x 300 mm
Frameless design	Yes
Introduction year	2025

Stand type	Legs stand
	Ports & interfaces
HDMI ports quantity	3
HDMI version	1.4/2.0/2.1
HDMI Quick Switch	Yes
Audio Return Channel (ARC)	Yes
HDCP	Yes
HDCP version	1.4/2.2
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
Digital audio optical out	1
RF ports quantity	2
RF connector type	F, IEC
Common interface (CI)	Yes
Common interface Plus (CI+)	Yes
Common interface Plus (CI+) version	1.4
Consumer Electronics Control (CEC)	T-link
	Performance
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG), High Dynamic Range 10 (HDR10), Dolby Vision
Game mode	Yes
Teletext function	Yes
Subtitles function	Yes
Video compression formats	H.264, H.265, MPEG2
Picture processing technology	TCL AiPQ Pro Processor
Noise reduction	Yes
Processor cores	4
AMD FreeSync	Yes
Game features	Game Master, Auto Low Latency Mode (ALLM), Variable Refresh Rate (VRR)
4K Ultra HD upscaling	Yes
Smartphone/tablet remote support	Yes
	Power
Power consumption (standby)	0.5 W

Power consumption (max)	125 W
Energy efficiency class (SDR)	F
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	65 kWh
Energy consumption (HDR) per 1000 hours	96 kWh
AC input voltage	220 - 240 V
AC input frequency	50 Hz
Energy saving mode	Yes
Energy efficiency scale	A to G
	Packaging content
Remote control included	Yes
Remote control type	RC833A
	Management features
Electronic Programme Guide (EPG)	Yes
Programming period	8 day(s)
On Screen Display (OSD)	Yes
Number of OSD languages	59
Sleep timer	Yes
Works with the Google Assistant	Yes
	Audio
Number of speakers	2
RMS rated power	20 W
Audio output channels	2.0 channels
Audio decoders	Dolby Atmos, DTS Virtual:X, Dolby AC4, Dolby TrueHD, Dolby Audio
Equalizer	Yes
Auto volume leveller	Yes
Enhanced Audio Return Channel (eARC)	Yes
	Weight & dimensions
Width (with stand)	1111 mm
Depth (with stand)	280 mm
Height (with stand)	679 mm
Weight (with stand)	9.6 kg
Width (without stand)	1111 mm
Depth (without stand)	69 mm
Height (without stand)	646 mm

Weight (without stand)	9.3 kg
Stand width	86.5 cm
Stand depth	28 cm
	TV tuner
Tuner type	Analog & digital
Analog signal format system	NTSC, PAL, PAL DK, PAL BG, PAL I, PAL L, SECAM, SECAM B/G, SECAM D/K, SECAM L
Digital signal format system	DVB-C, DVB-T2, DVB-S2
Auto channel search	Yes
	Brand-specific features
TCL technologies (AV/TV)	HVA Screen, T-cast, Chromecast Built-In, Multi HDR Format
	Packaging data
Package width	1265 mm
Package depth	135 mm
Package height	775 mm
Package weight	12.8 kg