TCL P6L TV 65P6L 65” 4K HDR, Direct LED, Google TV, HDR10, Dolby Audio, Game Master, VRR, Google Assistant & Alexa, AirPlay 2





Brand : TCL **Product family:** P6L **Product code:** 65P6L

Product name : TV 65P6L 65” 4K HDR, Direct LED, Google TV, HDR10, Dolby Audio, Game Master, VRR, Google Assistant & Alexa, AirPlay 2

TCL P6L TV 65P6L 65” 4K HDR, Direct LED, Google TV, HDR10, Dolby Audio, Game Master, VRR, Google Assistant & Alexa, AirPlay 2. Display diagonal: 165.1 cm (65"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QLED, Screen shape: Flat. Smart TV. Motion interpolation technology: PPI (Picture Perfomance Index) 2600, Display brightness: 280 cd/m², 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 *	165.1 cm (65")
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
Display brightness *	280 cd/m²
Response time	15 ms
Progressive scan	✔
Motion interpolation technology *	PPI (Picture Perfomance Index) 2600
Native refresh rate	60 Hz
Display refresh rates supported	48 Hz, 60 Hz, 144 Hz
Dynamic contrast ratio marketing name	Mega Contrast
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	165 cm
Colour gamut standard	NTSC

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	✘

Ports & interfaces	
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	
Screen mirroring	✔
Video on Demand (VOD) support	✔
Apple AirPlay 2 support	✔
Hybrid Broadcast Broadband TV (HbbTV)	✔
Smart modes	Vivid, Sports, Standard, Movie, Game, PC
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 *	20 W
Audio output channels	2.0 channels
Built-in subwoofer	✘
Audio decoders	Dolby Audio
Equalizer	✔
Sound modes	Standard, Dynamic, Movie, Voice, Music, Game, Sports
Auto volume leveller	✔
Enhanced Audio Return Channel (eARC)	✔

Network	
Wi-Fi *	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11a, 802.11b, Wi-Fi 4 (802.11n), 802.11g
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	200 x 200 mm
On/off switch	✔
Ambient lighting	✘
Frameless design	✔
Introduction year	2026
Stand type	Legs stand

Performance	
High Dynamic Range (HDR) technology	Hybrid Log-Gamma (HLG), High Dynamic Range 10 (HDR10)
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	
Power consumption (typical) *	145 W
Power consumption (standby) *	0.5 W
Energy efficiency class (SDR) *	E
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	69 kWh
Energy consumption (HDR) per 1000 hours *	122 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	DMP

Technical details	
RAM capacity	2 GB
Internal memory	16000 MB

Battery	
Battery weight	15 g
Battery technology	Alkaline

Brand-specific features	
TCL technologies (AV/TV)	HVA Screen

Weight & dimensions	
Width (with stand)	1446 mm
Depth (with stand)	300 mm
Height (with stand)	878 mm
Weight (with stand)	12.3 kg
Width (without stand)	1446 mm
Depth (without stand)	73 mm
Height (without stand)	833 mm
Weight (without stand)	12.2 kg
Stand width	127.5 cm
Stand depth	30 cm

Packaging data	
Warranty card	✔
Quick start guide	✔
Package weight	19.2 kg
Package width	1608 mm
Package depth	145 mm
Package height	1000 mm
Package weight	19.2 kg

Packaging content	
TV frame included	✘
Desktop stand	✔
Mounting kit	✘
Cables included	AC
Remote control included	✔
Remote control type	RC833A
Smart Remote included	✔
Soundbar included	✘
E-manual	✔

Performance	
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	✘
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 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

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	1608 mm
Products per master (outer) case	1 pc(s)
Master (outer) case length	145 mm
Products per pallet layer	5 pc(s)
Master (outer) case gross weight	19.2 kg
Container load	110
Products per intermodal container (20ft)	234 pc(s)
Products per intermodal container (40ft, HC)	234 pc(s)
Pallet net width	165 cm
Pallet net length	80 cm
Pallet net height	2.12 m
Pallet net weight	217 kg
Pallet gross width	165 cm
Pallet gross length	80 cm
Pallet gross height	2.12 m
Pallet gross weight	217 kg
Products per pallet	10 pc(s)

Other features	
3D	✘
Wi-Fi ready	✔
Batteries included	✔
Apple HomeKit support	✘
Processor architecture	ARM Cortex-A75+Cortex-A55
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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Catalog Object Cloud

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