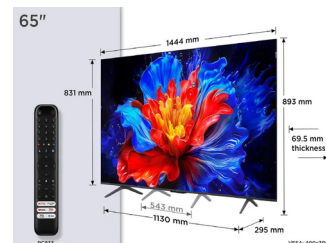# TCL 65P8K 65" 4K QLED HDR Smart TV

Brand : TCL

Product code: 65P8K

Product name : 65P8K 65" 4K QLED HDR Smart TV

- QLED
- 4K HDR PRO
- HVA Screen
- AiPQ Processor
- HDR Multi-Format
- GAME MASTER
- 288Hz Game Accelerator
- ONKYO 2.1 SOUND SYSTEM
- Miracast & Google Cast
- GOOGLE TV

65", 4K 3840 x 2160, QLED, HDR, AiPQ Processor, 288Hz Game Accelerator, Motion Clarity Pro, ONKYO 2.1, Google TV

TCL 65P8K 65" 4K QLED HDR Smart TV. Display diagonal: 165.1 cm (65"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QLED, Screen shape: Flat, LED backlighting type: Direct-LED. Smart TV. Display brightness: 350 cd/m², Response time: 6.5 ms, Contrast ratio (typical): 6000:1, Native aspect ratio: 16:9. Digital signal format system: DVB-S2, DVB-C, DVB-T, DVB-T2, DVB-S. Wi-Fi, Ethernet LAN. Product colour: Black

Display

Display diagonal *	165.1 cm (65")
HD type *	4K Ultra HD
Display technology *	QLED
LED backlight	✔
LED backlighting type	Direct-LED
Screen shape *	Flat
Native aspect ratio *	16:9
Screen format adjustments	4:3, 16:9, 14:9, Zoom
Display brightness *	350 cd/m²
Response time	6.5 ms
Native refresh rate	120 Hz
Display refresh rates supported	120 Hz, 144 Hz, 240 Hz
Contrast ratio (typical) *	6000:1
Display number of colours	1.07 billion colours
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display resolution *	3840 x 2160 pixels
Colour gamut standard	DCI-P3

TV tuner

Tuner type *	Analog & digital
Analog signal format system *	NTSC, PAL BG
Digital signal format system *	DVB-S2, DVB-C, DVB-T, DVB-T2, DVB-S

Smart TV

Smart TV *	✔
Internet TV *	✔
Operating system installed *	Google TV
Timeshift	✘
Hybrid Broadcast Broadband TV (HbbTV)	✔
Smart modes	Standard, Auto AI, Movie, Sports
App distribution platform	Google Play

Performance

High Dynamic Range (HDR) supported *	✔
Processor cores	4
AMD FreeSync	✔
Game features	Game Master, Variable Refresh Rate (VRR)
Parental control	✔

Ports & interfaces

HDMI version	1.4/2.0/2.2
Audio Return Channel (ARC)	✔
HDCP	✔
HDCP version	1.4/2.2
PC in (D-Sub) *	✘
Ethernet LAN (RJ-45) ports	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Digital audio optical out	1
Headphone outputs	1
RF ports quantity	2
RF connector type	F, IEC
Common interface (CI) *	✔
HDMI ports quantity *	4

Management features

Electronic Programme Guide (EPG)	✔
On Screen Display (OSD)	✔
On Screen Display (OSD) languages	Multi
Firmware upgradeable	✔
Works with Amazon Alexa	✔
Works with the Google Assistant	✔

Power

Power consumption (typical) *	180 W
Power consumption (standby) *	0.5 W

Audio

RMS rated power *	20 W
Audio output channels	2.1 channels
Built-in subwoofer	✔
Subwoofer RMS power	15 W
Audio decoders	DTS:X, DTS Virtual:X, Dolby Atmos
Sound modes	Game, Sports, Voice, Movie, Dynamic, Music, Standard
Auto volume leveller	✔
Enhanced Audio Return Channel (eARC)	✔

Network

Wi-Fi *	✔
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Bluetooth *	✔
Bluetooth version	5.2
Ethernet LAN *	✔
Miracast	✔

Design

Product colour *	Black
VESA mounting *	✔
Panel mounting interface	400 x 300 mm
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC), Steel, High impact polystyrene (HIPS)
LED indicators	✔
Frameless design	✔
Stand type	Legs stand

Performance

High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Dolby Vision
Game mode	✔
Teletext function	✔
Subtitles function	✔
Video formats supported	AVI, MKV
Audio formats supported	MP3, WMA
Image formats supported	PNG, BMP, HEIF, WEBP, JPEG
Video compression formats	H.264, VP8, AV1, VP9, WMV, H.265, MPEG1, MPEG2, MPEG4
Picture processing technology	TCL AiPQ Pro Processor
Noise reduction *	✔

Power

Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	100 kWh
Energy consumption (HDR) per 1000 hours *	175 kWh
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G

Operational conditions

Operating temperature (T-T)	5 - 35 °C

Technical details

Compliance certificates	UKCA, CE

Brand-specific features

TCL technologies (AV/TV)	288Hz Game Accelerator, 4K HDR Pro, HVA Screen, Apple AirPlay, Chromecast Built-In, Motion Clarity Pro, Google Cast, Multi HDR Format, Onkyo Sound

Weight & dimensions

Width (with stand)	1444 mm
Depth (with stand)	295 mm
Height (with stand)	893 mm
Weight (with stand)	15.8 kg
Width (without stand)	1444 mm
Depth (without stand)	69.5 mm
Height (without stand)	831 mm
Weight (without stand)	16 kg
Stand width	113 cm
Stand depth	29.5 cm

Packaging data

Package width	155 mm
Package depth	1608 mm
Package height	1000 mm
Package weight	23.6 kg
Package type	Box

Packaging content

Desktop stand	✔
Cables included	AC
Remote control included	✔
Remote control type	RC833A

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