TCL

TCL 85C855K TV 2.16 m (85") 4K Ultra HD Smart TV Wi-Fi Black 3500 cd/m²

Brand : TCL

Product name : 85C855K

Product code: 85C855K

- Premium QD-Mini LED
- Full Array Local Dimming
- AiPQ Pro Processor
- 4K HDR Premium
- 144Hz VRR
- HDR multi-format
- HDR10+
- Dolby Vision IQ & Atmos
- Game Master Pro 3.0
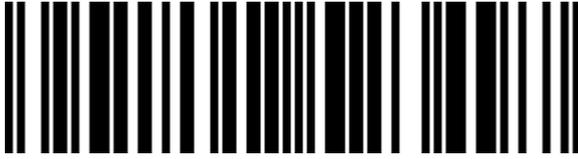- Google TV
- Blue light filter
- Onkyo 2.2.2 Sound

TCL 85C855K 85" QLED QD-Mini LED 4K Ultra HD Smart TV, 144Hz, Black, F Rated

TCL 85C855K. Display diagonal: 2.16 m (85"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Screen shape: Flat, LED backlighting type: Mini LED. Smart TV. Motion interpolation technology: PPI (Picture Performance Index) 4800, Display brightness: 3500 cd/m², Response time: 5.7 ms, Contrast ratio (typical): 5600:1. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black

Display

Display diagonal *	2.16 m (85")
HD type *	4K Ultra HD
Display technology *	LED
LED backlighting type	Mini LED
Screen shape *	Flat
Display brightness *	3500 cd/m²
Response time	5.7 ms
Motion interpolation technology *	PPI (Picture Performance Index) 4800
Native refresh rate	144 Hz
Display refresh rates supported	240 Hz
Contrast ratio (typical) *	5600:1
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	215.9 cm

TV tuner

Tuner type *	Analog & digital
Analog signal format system *	NTSC, PAL BG, PAL DK, PAL I, PAL L, SECAM B/G, SECAM D/K, SECAM L
Digital signal format system *	DVB-C, DVB-S2, DVB-T2
Number of tuners	1 tuner(s)

Smart TV

Smart TV *	✔
Internet TV *	✔
Operating system installed *	Google TV
Operating system version	12.0
Timeshift	✘
Apple AirPlay 2 support	✔
Hybrid Broadcast Broadband TV (HbbTV)	✔
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3

Performance

USB recording	✘
DVD player	✘

Ports & interfaces

HDMI version	2.1
HDMI Quick Switch	✔
Audio Return Channel (ARC)	✔
HDCP	✔
HDCP version	2.2
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
Audio (L/R) out	1
Digital audio optical out	1
Headphone outputs	1
RF ports quantity	2
RF connector type	F, IEC
Common interface (CI) *	✔
Common interface Plus (CI+) *	✔
Common interface Plus (CI+) version	1.4
HDMI ports quantity *	4
Component video (YPbPr/YCbCr) out	1

Management features

Voice control	✔
Electronic Programme Guide (EPG)	✔
Programming period	8 day(s)
On Screen Display (OSD)	✔
Number of OSD languages	29

Smart TV

Smart modes	IMAX Enhanced, Sports
App distribution platform	Google Play
Video apps	Amazon Prime Video, Apple TV, Disney+, HBO, Netflix, Twitch, YouTube

Audio

Number of speakers *	6
RMS rated power *	60 W
Audio output channels	2.2.2 channels
Built-in subwoofer	✔
Subwoofer RMS power	20 W
Audio decoders	DTS Virtual:X, DTS:X, Dolby Atmos, Dolby Audio, Dolby TrueHD
Equalizer	✔
Enhanced Audio Return Channel (eARC)	✔

Network

Wi-Fi *	✔
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth *	✔
Bluetooth version	5.2
Ethernet LAN *	✔
Bluetooth profiles	A2DP, HID, SBC
Miracast	✔
Web browser	✔

Design

Product colour *	Black
VESA mounting *	✔
Panel mounting interface	600 x 500 mm
Frameless design	✔
Introduction year	2024

Performance

High Dynamic Range (HDR) technology	Dolby Vision, Dolby Vision IQ, High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), 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
Video compression formats	AV1, H.264, H.265, VP9
Ambient mode	Yes
AI Upscale	✔
Backlight dimming technology	Local Dimming
Picture processing technology	TCL AiPQ Pro Engine
Noise reduction *	✔
High Dynamic Range (HDR) supported *	✔
Processor cores	4
AMD FreeSync	✔
AMD FreeSync type	FreeSync Premium Pro
Game features	Auto Low Latency Mode (ALLM), Game Bar 3.0, Game Master Pro 3.0, Variable Refresh Rate (VRR)

Management features

On Screen Display (OSD) languages	ALB, Bulgarian, Croatian, Czech, Danish, German, Dutch, English, Spanish, Estonian, Finnish, French, Greek, Hungarian, Italian, LAT, Lithuanian, MAC, Norwegian, Polish, Portuguese, Romanian, Russian, SER, Slovak, Slovenian, Swedish, Turkish, Ukrainian
Picture-in-Picture	✔
Hotel mode	✖
Basic hotel mode	✖
Auto power off	✔
Sleep timer	✔
Firmware upgradeable	✔
Firmware upgradeable via	Network, USB
Works with Amazon Alexa	✔
Works with the Google Assistant	✔
Works with Samsung Bixby	✖
Works with Apple Siri	✖

Power

Power consumption (typical) *	450 W
Power consumption (standby) *	0.5 W
Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	412 kWh
Energy consumption (HDR) per 1000 hours *	134 kWh
AC input voltage	220-240 V
AC input frequency	50 Hz
Energy efficiency scale	A to G

Brand-specific features

TCL technologies (AV/TV)	4K HDR PREMIUM 3300, Apple AirPlay, DTS HD, Dolby Atmos®, Dolby Audio®, Game Master 3.0, Google TV, HDMI ARC, HDMI eARC, HDR (High Dynamic Range), Motion Clarity Pro, T-cast

Sustainability

Sustainability compliance	✔

Weight & dimensions

Width (with stand)	1887 mm
Depth (with stand)	418 mm
Height (with stand)	1122 mm
Weight (with stand)	48 kg
Width (without stand)	1887 mm
Depth (without stand)	39 mm
Height (without stand)	1084 mm
Weight (without stand)	46.1 kg
Stand width	140.5 cm
Stand depth	41.8 cm

Packaging data

Package width	2050 mm
Package depth	195 mm
Package height	1266 mm
Package weight	67.7 kg
Package type	Box

Packaging content

Desktop stand	✔

Performance

Calman Ready	✔
4K Ultra HD upscaling	✔
Adaptive picture	✔
Multi View	✔
Smartphone/tablet remote support	✔

Packaging content

Mounting kit	✘
Remote control included	✔
Remote control type	RC933
Soundbar included	✘

Other features

Country of origin	China
Warranty period	2 year(s)

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