Hisense

Hisense 85E78QTUK PRO TV 2.16 m (85") 4K Ultra HD Smart TV Wi-Fi Black 400 cd/m²

Brand : Hisense

Product name : 85E78QTUK PRO

Product code: 85E78QTUK PRO

85", VA, Ultra HD 3840x2160, DLED, 400nits, 144 Hz, Quad Core/MT9618, FreeSync Premium, Dolby Atmos

Hisense 85E78QTUK PRO. 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: Direct-LED. Smart TV. Display brightness: 400 cd/m², Response time: 6 ms, Contrast ratio (typical): 3800:1, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S, DVB-S2, DVB-T, 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 backlight	✔
LED backlighting type	Direct-LED
Screen shape *	Flat
Native aspect ratio *	16:9
Display brightness *	400 cd/m²
Response time	6 ms
Native refresh rate	144 Hz
Contrast ratio (typical) *	3800:1
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	215 cm
Colour gamut standard	DCI-P3
Peak luminance ratio	90%

TV tuner

Tuner type *	Digital
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2
Number of tuners	2 tuner(s)

Smart TV

Smart TV *	✔
Internet TV *	✔
Operating system installed *	VIDAA
Operating system version	U8.5
Timeshift	✔

Performance

Parental control	✔

Ports & interfaces

PC in (D-Sub) *	✘
USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Composite video in	1
Audio (L/R) in	1
Headphone outputs	1
Common interface Plus (CI+) *	✔
HDMI ports quantity *	4
AC (power) in	✔

Management features

Voice control	✔
Voice guide	✔
Electronic Programme Guide (EPG)	✔
Programming period	8 day(s)
On Screen Display (OSD)	✔
Hotel mode	✔
Sleep timer	✔
Works with Amazon Alexa	✔
Works with the Google Assistant	✘

Power

Power consumption (typical) *	330 W
Power consumption (standby) *	0.5 W
Energy efficiency class (SDR) *	E

Smart TV

Screen mirroring	✔
Apple AirPlay 2 support	✔
Hybrid Broadcast Broadband TV (HbbTV)	✔
Hybrid Broadcast Broadband TV (HbbTV) version	HbbTV 2.0.4
Smart modes	Filmmaker, Game

Audio

Number of speakers *	2
RMS rated power *	30 W
Audio output channels	2.0 channels
Built-in subwoofer	✘
Audio decoders	DTS:X, Dolby AC4, Dolby Atmos, Dolby MS12
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)
Bluetooth *	✔
Bluetooth version	5.0
Ethernet LAN *	✔
Web browser	✔

Design

Product colour *	Black
VESA mounting *	✔
Panel mounting interface	600 x 400 mm
Housing material	Metal, Plastic
Bezel type	Zero Bezel
Stand colour	Black

Performance

High Dynamic Range (HDR) technology	Dolby Vision, Dolby Vision IQ, Filmmaker Mode, High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), Hybrid Log-Gamma (HLG)
Game mode	✔
Teletext function	✔
Video formats supported	AV1, AVC, H.264, HEVC/H.265, MPEG1, MPEG2, MPEG4, VP8, VP9, WMV3
Audio formats supported	AAC, MP3, MPEG, Vorbis, MPEG-1, WAV, MPEG-2, WMA, LPCM, OPUS, FLAC
Image formats supported	PNG, BMP, GIF, JPEG, JPG
Video compression formats	FLV, MKV, MOV, WEBM, MP4, WMV, AVI, TS
High Dynamic Range (HDR) supported *	✔
Processor cores	4
AMD FreeSync	✔
AMD FreeSync type	FreeSync Premium
Game features	Auto Low Latency Mode (ALLM), Game Bar, Variable Refresh Rate (VRR)
WiSA Ready	✔
4K Ultra HD upscaling	✔

Power

Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	122 kWh
Energy consumption (HDR) per 1000 hours *	300 kWh
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G

Brand-specific features

Hisense technologies (AV/TV)	4K AI Upscaler, 144Hz Game Mode Pro, Game Mode, MEMC (Motion Estimation Motion Compensation), Quantum Dot Colour

Technical details

NICAM/A2	✔
Processor	Quad Core/MT9618
S/PDIF output	1
Batteries	AAAx2

Weight & dimensions

Width (with stand)	1892 mm
Depth (with stand)	450 mm
Height (with stand)	1189 mm
Weight (with stand)	35.8 kg
Width (without stand)	1892 mm
Depth (without stand)	101 mm
Height (without stand)	1091 mm
Weight (without stand)	35.2 kg
Stand width	157.1 cm
Stand depth	45 cm

Packaging data

Quick start guide	✔
Manual	✔
Package width	2090 mm
Package depth	210 mm
Package height	1280 mm
Package weight	48.5 kg

Packaging content

Desktop stand	✔
Cables included	AC
Remote control included	✔
Remote control type	ERF2A38(UK) ERF2B38H(Pan-EU) ERF2C38H(France) ERF2D38H(Russia)

Other features

Favorite list TV programs	4
Light sensor	✔
Built-in processor	✔
Multimedia and Hypermedia Experts Group (MHEG)	✔
Logical Channel Number (LCN)	✔

Performance

Video upscaling ✔

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