



Quantum Dot Colour



Dolby Vision



Dolby Atmos



VIDAA SMART TV



4K AI Upscaler



AI Sports Mode



Smooth Motion



Game Mode PLUS



Game Bar



Filmmaker Mode



Adaptive Light Sensor



Voice Control



Share to TV



Always Connected

General information

Model name:	50E7NQTUK	Series:	E7N
Type:	QLED Smart TV	Material of frame:	Plastic
Colour of appliance:	Black	Cabinet material:	Plastic
Stand colour:	Black	Stand material:	Plastic

Panel performance

Panel aspect ratio:	16:9	Screen diagonal size (inch):	50 in
Screen diagonal size (cm):	126 cm	Resolution max.:	4K Ultra HD 3840x2160
Angle of visibility:	178 °	Wide colour gamut:	Yes
Frequency:	60 Hz	Contrast:	4000:1
Brightness:	330 nits	Panel response time:	8 ms
Backlight technology:	DLED	Local dimming:	No
Local dimming zones:	No	3D technology:	No
2D to 3D:	No	HDR technology:	HDR, HDR10, HDR10+ decoding, 4K HDR Immersive
HLG technology:	Yes	Dolby technology:	Dolby vision
Quantum Dot Colour:	Yes		

Improving engines

Upscaling Ultra HD:	Yes	MEMC technique:	Yes
Input lag in game mode:	≤ 10 ms	3D digital comb filter:	Yes
MPEG noise reduction:	Yes	Mosquito noise reduction:	Yes

Sound

Sound output power:	2x10 W	Sound technology:	Dolby Atmos, DTS Virtual X decoding
User equalizer:	Yes	Dolby Atmos system:	Yes
EzPlay:	Yes	TV mode:	Yes

Convenience

Media player:	Audio, Picture, Video	User interface:	VIDAA Smart OS
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Internet

Important apps:	Hungama Play, Disney+, NBA, FIFA+, Apple TV+, SWEET.TV, Tet+, AccuWeather, VIDAA Art, VIDAA Free, App Store, Game Center, Plex, Redbull TV, Deezer, Toon Goggles, Kidoodle tv, UEFA TV, EON, DAZN, YouTube Kids, Rakuten TV, Prime Video, YouTube, Netflix	Screen sharing:	Yes
Content sharing:	DMP/DMR	Airplay 2 support:	Yes

Reception and TV features

Digital and analog tuner:	DVB-T2/T/C/S2/S	Parental control:	Yes
PVR function:	Yes, depending on location	Time shift:	Yes, depending on location

Connectivity

Common interface (CI+):	V2.0	HDMI1 connector:	HDMI2.1/ALLM, VRR (60HZ)
HDMI2 connector:	HDMI2.1/ALLM, VRR (60HZ)	HDMI3 connector:	HDMI2.1/eARC, ALLM, VRR (60HZ)
Number of USB (2.0) connectors:	2	Number of S/PDIF outputs:	1
Number of audio (L/R) inputs:	1	Number of headphone outputs:	1
Number of RF tuners:	2	Number of composite (AV) inputs:	1
Number of Ethernet RJ45 ports:	1	WiFi technology:	IEEE 802.11 a/b/g/n/ac-2.4G, 5G
Bluetooth:	Yes	Light sensor:	Yes

Eco and power supply

Voltage:	100-240 V	Energy efficiency class HDR:	G
Energy efficiency class SDR:	E	Power consumption in standby mode:	0.5 W
Power consumption in working mode max.:	120 W		

Accessories

Stand (LxW) - mm:	893x274	VESA Wall Mount Compatible:	200x400
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DMP formats

Supported video formats:	HEVC, AVC, WEBM, MPEG, MOV, WMV, FLV, TS, MKV, MP4, AVI	Supported audio formats:	MPEG, WMA, FLAC, MP3, AAC, WAV, OPUS
Supported picture formats:	GIF, PNG, BMP, JPEG		

Weight and dimensions

Gross weight:	12.5 kg	Net weight:	10 kg
Product weight including stand:	10 kg	Product position at packing:	Vertical
Width of the packed product:	1265 mm	Height of the packed product:	799 mm
Depth of the packed product:	135 mm	Width of the television with stand:	1119 mm
Height of the television with stand:	702 mm	Depth of the television with stand:	274 mm
Width of the product:	1119 mm	Height of the product:	649 mm
Depth of the product:	80 mm	Distance between stands max.:	893 mm
Bezel width - top:	3.6 mm	Bezel width - bottom:	3.1 mm
Bezel width - left:	3.1 mm	Bezel width - right:	16.5 mm
Single stand:	No	Adjustable stand:	No
Cable management:	No	Product code:	20013849
EAN code:	6942351402376		