

Philips 50PUS7800/12 TV 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Philips

Product code: 50PUS7800/12

Product name : 50PUS7800/12

126 cm (50") TV, 4K QLED, Pixel Precise Ultra HD, HDR10+, Alexa, Google Assistant, Gamebar 2.0, TITAN OS

Philips 50PUS7800/12. Display diagonal: 127 cm (50"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QLED, Screen shape: Flat. Smart TV. Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2, DVB-T2 HD. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	127 cm (50")	USB 2.0 ports quantity *	2
HD type *	4K Ultra HD	Digital audio optical out	1
Display technology *	QLED	Headphone outputs	1
Screen shape *	Flat	RF ports quantity	1
Native aspect ratio *	16:9	Common interface (CI) *	✓
Supported graphics resolutions	3840 x 2160, 2560 x 1440, 1920 x 1080 (HD 1080), 640 x 480 (VGA), 1280 x 720 (HD 720)	Common interface Plus (CI+) *	✓
Native refresh rate	60 Hz	HDMI ports quantity *	3
Display refresh rates supported	24 Hz, 50 Hz, 25 Hz, 60 Hz, 30 Hz	Consumer Electronics Control (CEC)	EasyLink
Display resolution *	3840 x 2160 pixels	Management features	
Display diagonal (metric)	126 cm	Voice control	✓
TV tuner		Picture mute (for radio)	✓
Tuner type *	Analog & digital	ECO mode	✓
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2, DVB-T2 HD	Auto power off	✓
Smart TV		Works with Amazon Alexa	✓
Smart TV *	✓	Works with the Google Assistant	✓
Internet TV *	✓	Power	
Operating system installed *	Titan OS	Power consumption (standby) *	0.5 W
Hybrid Broadcast Broadband TV (HbbTV)	✓	Energy efficiency class (SDR) *	E
Video apps	Amazon Prime Video, BBC iPlayer, Disney+, HBO, Netflix, YouTube	Energy efficiency class (HDR) *	G
Audio		Energy consumption (SDR) per 1000 hours *	52 kWh
Number of speakers *	2	Energy consumption (HDR) per 1000 hours *	79 kWh
RMS rated power *	20 W	AC input voltage	100-240 V
Audio output channels	2.0 channels	AC input frequency	50/60 Hz
Audio decoders	DTS:X, Dolby Atmos, Dolby Digital	Energy saving mode	✓
Equalizer	✓	Energy efficiency scale	A to G
Enhanced Audio Return Channel (eARC)	✓	Power supply type	Internal
Network		Brand-specific features	
		Philips technologies (AV/TV)	Dolby Atmos®, Game Bar, HDR10+, Micro Dimming, Smart TV, TITAN OS, Works With Google Assistant, Works with Amazon Alexa

Network		Technical details	
Wi-Fi *	✓	HEVC support	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Weight & dimensions	
Bluetooth *	✓	Width (with stand)	1111 mm
Bluetooth version	5.2	Depth (with stand)	262 mm
Ethernet LAN *	✓	Height (with stand)	670 mm
Design		Weight (with stand)	8.23 kg
Product colour *	Black	Width (without stand)	1111 mm
VESA mounting *	✓	Depth (without stand)	88 mm
Panel mounting interface	200 x 100 mm	Height (without stand)	649 mm
Stand type	Legs stand	Weight (without stand)	8.03 kg
Performance		Stand width	81.1 cm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Stand depth	26.2 cm
Game mode	✓	Packaging data	
Teletext function	✓	Quick start guide	✓
Teletext	1000 pages	Package width	1240 mm
Subtitles function	✓	Package depth	133 mm
Video formats supported	AV1, AVI, HEVC, HEVC/H.265, MKV, MPEG1, MPEG2, MPEG4, VP9	Package height	780 mm
Audio formats supported	AAC, FLAC, MP3	Package weight	11.9 kg
Image formats supported	BMP, GIF, HEIF, JPEG, PNG	Packaging content	
Subtitle formats supported	ASS, SMI, SRT, SSA, SUB, TXT	Desktop stand	✓
Backlight dimming technology	Micro Dimming	Cables included	AC
Picture processing technology	Philips Pixel Precise Ultra HD	Remote control included	✓
High Dynamic Range (HDR) supported *	✓	Other features	
Game features	Auto Low Latency Mode (ALLM), Game Bar 2.0, Variable Refresh Rate (VRR)	Batteries included	✓
Ports & interfaces		Battery type	AAA
HDMI version	2.1	Number of batteries supported	2
Audio Return Channel (ARC)	✓	User memory	8 GB
PC in (D-Sub) *	✗		
Ethernet LAN (RJ-45) ports	1		



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