

Philips 48OLED820/12 TV 121.9 cm (48") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Philips

Product code: 48OLED820/12

Product name : 48OLED820/12

- 121 cm (48") Ambilight TV

- 4K OLED, 144 Hz

- P5 AI perfect picture engine

- Dolby Vision and Dolby Atmos

139 cm (55") Ambilight TV, 4K OLED, 144 Hz, P5 AI perfect picture engine, Dolby Vision and Dolby Atmos

Philips 48OLED820/12. Display diagonal: 121.9 cm (48"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, 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		Performance	
Display diagonal *	121.9 cm (48")	AMD FreeSync type	FreeSync Premium
HD type *	4K Ultra HD	NVIDIA G-SYNC	✓
Display technology *	OLED	NVIDIA G-SYNC type	G-SYNC
Screen shape *	Flat	Game features	Auto Low Latency Mode (ALLM), Dolby Vision Game, HGiG, Variable Refresh Rate (VRR)
Native aspect ratio *	16:9	Ports & interfaces	
Supported video modes	576p, 720p		
Native refresh rate	120 Hz	HDMI version	2.0/2.1
Display refresh rates supported	24 Hz, 25 Hz, 30 Hz, 50 Hz, 60 Hz, 100 Hz, 120 Hz, 144 Hz	Audio Return Channel (ARC)	✓
Display resolution *	3840 x 2160 pixels	HDCP	✓
Display diagonal (metric)	121 cm	HDCP version	2.3
TV tuner		Ethernet LAN (RJ-45) ports	1
Tuner type *	Digital	USB 2.0 ports quantity *	2
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2, DVB-T2 HD	Headphone outputs	1
Smart TV		HDMI ports quantity *	4
Smart TV *	✓	Consumer Electronics Control (CEC)	EasyLink
Internet TV *	✓	Management features	
Operating system installed *	Google TV	Works with Amazon Alexa	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Works with the Google Assistant	✓
Video apps	Amazon Prime Video, Apple TV, Disney+, Netflix, YouTube	Power	
Audio		Power consumption (standby) *	0.5 W
Number of speakers *	4	Energy efficiency class (SDR) *	G
RMS rated power *	70 W	Energy efficiency class (HDR) *	G
Audio output channels	4.1 channels	Energy consumption (SDR) per 1000 hours *	66 kWh
Subwoofer RMS power	30 W	Energy consumption (HDR) per 1000 hours *	69 kWh
Audio decoders	DTS:X, Dolby Atmos, Dolby Digital	AC input voltage	100 - 240 V
Sound modes	AI Sound	AC input frequency	50/60 Hz
Enhanced Audio Return Channel (eARC)	✓	Energy efficiency scale	A to G
Network		Power supply type	Internal
Wi-Fi *	✓		
Wi-Fi standards	Wi-Fi 6 (802.11ax)		

Network		Brand-specific features	
Bluetooth *	✓	Philips technologies (AV/TV)	3 Sided Ambilight, AMD FreeSync™, Works With Control4, Works With Google Assistant, Works With Matter
Bluetooth version	5.2		
Ethernet LAN *	✓		
Design		Weight & dimensions	
Product colour *	Black	Width (with stand)	1068 mm
VESA mounting *	✓	Depth (with stand)	220 mm
Panel mounting interface	300 x 300 mm	Height (with stand)	684 mm
Stand type	Center stand	Weight (with stand)	17.4 kg
Stand colour	Black	Width (without stand)	1068 mm
Performance		Depth (without stand)	68 mm
		Height (without stand)	618 mm
High Dynamic Range (HDR) technology	Dolby Vision, 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)	Weight (without stand)	13.8 kg
		Stand width	45 cm
		Packaging data	
Teletext function	✓	Package width	1214 mm
Teletext	1000 pages	Package depth	150 mm
Video formats supported	AV1, AVC, AVI, H.264, HEVC, HEVC/H.265, MKV, MPEG1, MPEG2, MPEG4, VP9	Package height	800 mm
		Package weight	20.8 kg
		Packaging content	
Audio formats supported	AAC, FLAC, MP3, WAV	Desktop stand	✓
Image formats supported	GIF, HEIF, JPEG, PNG	Cables included	AC, USB
Subtitle formats supported	ASS, SMI, SRT, SSA, SUB, TXT	Remote control included	✓
High Dynamic Range (HDR) supported *	✓		
AMD FreeSync	✓		



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