

Philips 55OLED820/12 TV 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Philips

Product code: 55OLED820/12

Product name : 55OLED820/12

- 139 cm (55") 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 55OLED820/12. Display diagonal: 139.7 cm (55"), 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 *	139.7 cm (55")	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		
Supported video modes	576p, 720p		
Native refresh rate	120 Hz		
Display refresh rates supported	24 Hz, 25 Hz, 30 Hz, 50 Hz, 60 Hz, 100 Hz, 120 Hz, 144 Hz		
Display resolution *	3840 x 2160 pixels		
Display diagonal (metric)	139 cm		
TV tuner		Ports & interfaces	
Tuner type *	Digital	HDMI version	2.0/2.1
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2, DVB-T2 HD	Audio Return Channel (ARC)	✓
		HDCP	✓
		HDCP version	2.3
		Ethernet LAN (RJ-45) ports	1
		USB 2.0 ports quantity *	2
		Headphone outputs	1
		HDMI ports quantity *	4
		Consumer Electronics Control (CEC)	EasyLink
Smart TV		Management features	
Smart TV *	✓	Works with Amazon Alexa	✓
Internet TV *	✓	Works with the Google Assistant	✓
Operating system installed *	Google TV		
Hybrid Broadcast Broadband TV (HbbTV)	✓		
Video apps	Amazon Prime Video, Apple TV, Disney+, Netflix, YouTube		
Audio		Power	
Number of speakers *	4	Power consumption (standby) *	0.5 W
RMS rated power *	70 W	Energy efficiency class (SDR) *	G
Audio output channels	4.1 channels	Energy efficiency class (HDR) *	G
Subwoofer RMS power	30 W	Energy consumption (SDR) per 1000 hours *	84 kWh
Audio decoders	DTS:X, Dolby Atmos, Dolby Digital	Energy consumption (HDR) per 1000 hours *	112 kWh
Sound modes	AI Sound	AC input voltage	100 - 240 V
Enhanced Audio Return Channel (eARC)	✓	AC input frequency	50/60 Hz
		Energy efficiency scale	A to G
		Power supply type	Internal
Network			
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)	1226 mm
VESA mounting *	✓	Depth (with stand)	230 mm
Panel mounting interface	300 x 300 mm	Height (with stand)	773 mm
Stand type	Center stand	Weight (with stand)	20.6 kg
Stand colour	Black	Width (without stand)	1226 mm
Performance		Depth (without stand)	68 mm
		Height (without stand)	708 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)	17.1 kg
		Stand width	50 cm
		Packaging data	
Teletext function	✓	Package width	1460 mm
Teletext	1000 pages	Package depth	160 mm
Video formats supported	AV1, AVC, AVI, H.264, HEVC, HEVC/H.265, MKV, MPEG1, MPEG2, MPEG4, VP9	Package height	860 mm
		Package weight	25 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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