

Philips 77OLED820/12 TV 195.6 cm (77") 4K Ultra HD Smart TV Wi-Fi Black



Brand : Philips

Product code: 77OLED820/12

Product name : 77OLED820/12

- 194 cm (77") Ambilight TV
- 4K OLED. VRR 144 Hz
- P5 AI perfect picture engine
- Dolby Vision and Dolby Atmos
- OLED 4K Ambilight TV

Philips 77OLED820/12. Display diagonal: 195.6 cm (77"), 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-T, DVB-T2, DVB-T2 HD, DVB-C, DVB-S, DVB-S2. Wi-Fi, Ethernet LAN. Product colour: Black

Display		Performance	
Display diagonal *	195.6 cm (77")	Audio formats supported	MP3, WAV, AAC, FLAC
HD type *	4K Ultra HD	Image formats supported	JPEG, GIF, PNG, BMP, HEIF
Display technology *	OLED	Subtitle formats supported	SRT, SMI, SSA, SUB, ASS, TXT
Screen shape *	Flat	High Dynamic Range (HDR) supported *	✓
Native aspect ratio *	16:9	AMD FreeSync	✓
Supported video modes	576p, 1080p, 2160p	AMD FreeSync type	FreeSync Premium
Supported graphics resolutions	1920 x 1080 (HD 1080), 2560 x 1440, 3840 x 2160	NVIDIA G-SYNC	✓
Native refresh rate	120 Hz	NVIDIA G-SYNC type	G-SYNC Compatible
Display resolution *	3840 x 2160 pixels	Game features	Auto Low Latency Mode (ALLM), Dolby Vision Game, HGiG
Display diagonal (metric)	194 cm		
TV tuner		Ports & interfaces	
Tuner type *	Digital	HDMI version	2.0/2.1
Digital signal format system *	DVB-T, DVB-T2, DVB-T2 HD, DVB-C, DVB-S, DVB-S2	PC in (D-Sub) *	✗
Smart TV		Ethernet LAN (RJ-45) ports	1
		USB 2.0 ports quantity *	2
		Digital audio optical out	1
		Headphone outputs	1
		Common interface (CI) *	✓
Smart TV *	✓	HDMI ports quantity *	4
Internet TV *	✓		
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) *	F
Audio output channels	4.1 channels	Energy efficiency class (HDR) *	G
Built-in subwoofer	✓	Energy consumption (SDR) per 1000 hours *	134 kWh
Subwoofer RMS power	30 W	Energy consumption (HDR) per 1000 hours *	141 kWh
Audio decoders	Dolby Atmos, Dolby Digital, DTS:X	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		Weight & dimensions	
Wi-Fi *	✓	Width (with stand)	1723 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Depth (with stand)	316 mm
Bluetooth *	✓	Height (with stand)	1059 mm
Bluetooth version	5.2	Weight (with stand)	36 kg
Ethernet LAN *	✓	Width (without stand)	1723 mm
		Depth (without stand)	79 mm

Design		Weight & dimensions	
Product colour *	Black	Height (without stand)	991 mm
Panel mounting interface	400 x 300 mm	Weight (without stand)	35.5 kg
Rollable display	✗	Packaging data	
Ambient lighting	✓	Package width	1950 mm
Performance		Package depth	200 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Package height	1170 mm
Game mode	✓	Package weight	45.1 kg
Teletext function	✓	Packaging content	
Teletext	1000 pages	Cables included	USB, AC
Video formats supported	AVI, MKV, HEVC, H.264, MPEG4, MPEG1, MPEG2, VP9, HEVC/H.265, AV1		

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