

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

Brand : Philips

Product code: 55MLED820/12

Product name : 55MLED820/12



- 139 cm (55") QD MiniLED TV
- 4K. 60 Hz
- P5 Perfect Picture Engine
- Dolby Atmos and DTS:X

139 cm (55") QD MiniLED TV, 4K. 60 Hz, P5 Perfect Picture Engine, Dolby Atmos and DTS:X

Philips . Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QD-Mini LED, 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")	Picture processing technology	Philips P5 Perfect Picture Engine
HD type *	4K Ultra HD	High Dynamic Range (HDR) supported *	✓
Display technology *	QD-Mini LED	Game features	Auto Low Latency Mode (ALLM), Variable Refresh Rate (VRR)
Screen shape *	Flat	Calman Ready	✓
Native aspect ratio *	16:9	Ports & interfaces	
Supported video modes	576p, 720p	HDMI version	2.1
Native refresh rate	144 Hz	Audio Return Channel (ARC)	✓
Display refresh rates supported	24 Hz, 25 Hz, 30 Hz, 50 Hz, 60 Hz	HDCP	✓
Display resolution *	3840 x 2160 pixels	HDCP version	2.3
Display diagonal (metric)	139 cm	Ethernet LAN (RJ-45) ports	1
TV tuner		USB 2.0 ports quantity *	2
Tuner type *	Digital	Digital audio optical out	1
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 *	3
Smart TV *	✓	Consumer Electronics Control (CEC)	EasyLink
Operating system installed *	Titan OS	Management features	
Apple AirPlay 2 support	✓	Voice guide	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Picture mute (for radio)	✓
Video apps	Amazon Prime Video, BBC iPlayer, Disney+, HBO, Netflix, YouTube	ECO mode	✓
Audio		On/Off timer	✓
Number of speakers *	2	Power	
RMS rated power *	20 W	Power consumption (standby) *	0.5 W
Audio output channels	2.0 channels	Energy efficiency class (SDR) *	F
Audio decoders	DTS:X, Dolby Atmos, Dolby Digital	Energy efficiency class (HDR) *	G
Equalizer	✓	Energy consumption (SDR) per 1000 hours *	77 kWh
Enhanced Audio Return Channel (eARC)	✓	Energy consumption (HDR) per 1000 hours *	180 kWh
Network		AC input voltage	100 - 240 V
Wi-Fi *	✓	AC input frequency	50/60 Hz
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Power supply type	Internal
Bluetooth *	✓		
Bluetooth version	5.2		

Network		Brand-specific features	
Ethernet LAN *	✓	Philips technologies (AV/TV)	Amazon Alexa Built-in, Dolby Atmos®, Gamebar 2.0, IntelliSound Engine, Micro Dimming Premium, Perfect Natural Motion, Works With Apple HomeKit, Works With Control4, Works With Matter
Design			
Product colour *	Black		
VESA mounting *	✓		
Panel mounting interface	300 x 200 mm		
Signal strength indication	✓		
Stand type	Legs stand	Weight & dimensions	
Stand colour	Black	Width (with stand)	1226 mm
Performance		Depth (with stand)	240 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Height (with stand)	731 mm
Game mode	✓	Weight (with stand)	1.18 kg
Teletext function	✓	Width (without stand)	1226 mm
Teletext	1000 pages	Depth (without stand)	65 mm
Video formats supported	AV1, AVC, AVI, H.264, HEVC, HEVC/H.265, MPEG1, MPEG2, MPEG4, VP9	Height (without stand)	718 mm
Audio formats supported	AAC, FLAC, MP3, WAV	Weight (without stand)	11.1 kg
Image formats supported	BMP, GIF, HEIF, JPEG, PNG	Stand width	99.7 cm
Subtitle formats supported	ASS, SMI, SRT, SSA, SUB, TXT	Packaging data	
Ambient light sensor	✓	Package width	1360 mm
		Package depth	160 mm
		Package height	840 mm
		Package weight	15.8 kg
		Packaging content	
		Desktop stand	✓
		Remote control included	✓



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