

Philips Brilliance 27B1U7903/27 computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LED Black

Brand : Philips

Product family: Brilliance

Product code: 27B1U7903/27

Product name : 27B1U7903/27

Professional Monitor 27B1U7903 4K UHD Mini-LED Thunderbolt™ 4 monitor

Philips Brilliance 27B1U7903/27 computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LED Black:

The Philips Thunderbolt™ 4 monitor delivers a secure, reliable one-cable docking solution. Mini LED backlight and DisplayHDR™ 1400 certified display generates outstanding picture performance and colour accuracy for colour-critical users.

Philips Brilliance 27B1U7903/27. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub. VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Adjustable height (max)	13 cm
Display resolution *	3840 x 2160 pixels	Pivot	✓
HD type *	4K Ultra HD	Pivot angle	-90 - 90°
Native aspect ratio *	16:9	Swivelling	✓
Display technology *	LED	Swivel angle range	-45 - 45°
Panel type *	IPS	Tilt adjustment	✓
LED backlight	✓	Tilt angle range	-5 - 15°
Backlight type	Mini LED	On Screen Display (OSD)	✓
Touchscreen *	✗	On Screen Display (OSD) languages	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Display brightness (peak)	1400 cd/m²		
Display brightness (typical)	1000 cd/m²		
Response time *	4 ms	Plug and Play	✓
Anti-glare screen	✓	LED indicators	Operation, Stand-by
Screen shape *	Flat	Power	
Contrast ratio (typical) *	1300:1	Energy efficiency class (SDR) *	G
Dynamic contrast ratio marketing name	Mega Infinity DCR	Energy efficiency class (HDR) *	G
Maximum refresh rate *	60 Hz	Energy consumption (SDR) per 1000 hours *	65 kWh
Viewing angle, horizontal	178°	Energy consumption (HDR) per 1000 hours *	80 kWh
Viewing angle, vertical	178°	Power consumption (typical) *	74.5 W
Display number of colours *	1.07 billion colours	Power consumption (standby) *	0.3 W
Pixel pitch	0.1554 x 0.1554 mm	Power consumption (off)	0 W
Pixel density	163 ppi	Power consumption (PowerSave)	45.1 W
Vertical scan range	40 - 60 Hz	AC input voltage	100 - 240 V
Viewable size, horizontal	59.7 cm	AC input frequency	50/60 Hz
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.6 cm		
High Dynamic Range (HDR) supported	✓		

Display		Power	
High Dynamic Range (HDR) technology	DisplayHDR 1400	Power supply type	Internal
DDC/CI	✓	Energy efficiency scale	A to G
Haze rate	25%	Operational conditions	
Surface hardness	3H	Operating temperature (T-T)	0 - 40 °C
Colour gamut standard	sRGB, NTSC, Adobe RGB	Storage temperature (T-T)	-20 - 60 °C
Colour gamut	121%	Operating relative humidity (H-H)	20 - 80%
sRGB coverage (typical)	154%	Operating altitude	0 - 3658 m
NTSC coverage (typical)	121%	Non-operating altitude	0 - 12192 m
Adobe RGB coverage	99.2%	Weight & dimensions	
BT.2020 coverage	80.4%	Width (with stand)	613 mm
Display sRGB	✓	Depth (with stand)	204 mm
Display panel size	27 inch/68.6 cm	Height (with stand)	515 mm
Performance		Weight (with stand)	9.43 kg
NVIDIA G-SYNC *	✗	Width (without stand)	613 mm
AMD FreeSync *	✗	Depth (without stand)	68 mm
Fast charging	✓	Height (without stand)	369 mm
Fast charging technology	Power Delivery	Weight (without stand)	7.02 kg
VESA Adaptive Sync support	✓	Packaging data	
Component video sync	Separate Sync	Package width	735 mm
Low Blue Light technology	✓	Package depth	285 mm
Multimedia		Package height	423 mm
Number of speakers	2	Package weight	14.5 kg
RMS rated power	6 W	Packaging content	
Built-in speaker(s) *	✓	Stand included	✓
Built-in camera *	✗	Manual	✓
Design		Bundled software	SmartControl
Market positioning *	Office	Sustainability	
Product colour *	Black	Sustainability compliance	✓
Front bezel colour	Black	Doesn't contain	Mercury, PVC/BFR
Feet colour	Black	Other features	
Ports & interfaces		HBR3 support	✓
Built-in USB hub *	✓	Compatible operating systems	Mac OS X; Windows 10 / 8.1 / 8 / 7
USB Power Delivery (USB PD)	✓	Picture-by-Picture (PbP)	✓
USB Power Delivery up to	90 W	Exterior finish type	Textured
HDMI *	✓	Monitor sync input signal	Separate Sync
HDMI ports quantity	2	EasyRead mode	✓
HDMI version	2.0	LowBlue mode	✓
DisplayPorts quantity	1	Philips SmartUniformity	93 - 105%
DisplayPort version	1.4	Compliance certificates	CE, Federal Communications Commission (FCC), RoHS
Thunderbolt 4 ports quantity	1	User controls	SmartImage; Input; User; Menu; Power On/Off
Audio output	✓	Picture enhancement	SmartImage
HDCP	✓	MultiView	PBP (2 x devices)
HDCP version	2.2	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; cETLus; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS
Network		Delta E	1
Ethernet LAN	✓	Mean time between failures (MTBF)	70000 h
Ergonomics		Ethernet LAN data rates	10,100,1000 Mbit/s
VESA mounting *	✓	Wake-on-LAN	✓
Panel mounting interface	100 x 100 mm	Recycling data	
Cable lock slot *	✓	Packaging recyclability rate	100%
Cable lock slot type	Kensington	Product post-consumer recycled plastic	35%
Height adjustment *	✓		



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Catalog Object Cloud



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