

Philips Brilliance 27B1U7903/00 LED display 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD Black

Brand : Philips **Product family:** Brilliance **Product code:** 27B1U7903/00
Product name : 27B1U7903/00

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

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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 27B1U7903/00. 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, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Height adjustment *	✓
Display resolution *	3840 x 2160 pixels	Height adjustment	13 cm
HD type *	4K Ultra HD	Pivot	✓
Native aspect ratio *	16:9	Pivot angle	-90 - 90°
Display technology *	LED	Swivelling	✓
Panel type *	IPS	Swivel angle range	-45 - 45°
Backlight type	Mini LED	Tilt adjustment	✓
Touchscreen *	✗	Tilt angle range	-5 - 15°
Display brightness (peak)	1400 cd/m²	On Screen Display (OSD)	✓
Display brightness (typical)	1000 cd/m²	On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Response time	4 ms	Plug and Play	✓
Anti-glare screen	✓	LED indicators	Operation, Stand-by
Screen shape *	Flat		
Contrast ratio (typical) *	1300:1	Power	
Dynamic contrast ratio marketing name	Mega Infinity DCR	Energy efficiency class (SDR) *	G
Maximum refresh rate *	60 Hz	Energy efficiency class (HDR) *	G
Viewing angle, horizontal	178°	Energy consumption (SDR) per 1000 hours *	65 kWh
Viewing angle, vertical	178°	Energy consumption (HDR) per 1000 hours *	80 kWh
Display number of colours *	1.07 billion colours	Power consumption (typical) *	74.5 W
Pixel pitch	0.1554 x 0.1554 mm	Power consumption (standby) *	0.3 W
Pixel density	163 ppi	Power consumption (PowerSave)	45.1 W
Horizontal scan range	30 - 140 kHz	AC input voltage	100 - 240 V
Vertical scan range	40 - 60 Hz	AC input frequency	50 - 60 Hz
Viewable size, horizontal	59.7 cm	Power supply type	Internal
Viewable size, vertical	33.6 cm	Energy efficiency scale	A to G
Display diagonal (metric)	68.6 cm		
High Dynamic Range (HDR) supported	✓		

Display		Operational conditions	
High Dynamic Range (HDR) technology	DisplayHDR 1400	Operating temperature (T-T)	0 - 40 °C
DDC/CI	✓	Storage temperature (T-T)	-20 - 60 °C
Haze rate	25%	Operating relative humidity (H-H)	20 - 80%
Surface hardness	3H	Operating altitude	0 - 3658 m
RGB colour space	sRGB	Non-operating altitude	3658 - 12192 m
sRGB coverage (typical)	154%	Packaging content	
NTSC coverage (typical)	121%	Stand included	✓
Adobe RGB coverage	99.2%	Cables included	AC, DisplayPort, HDMI
Display sRGB	✓	Manual	✓
Performance		Bundled software	SmartControl
NVIDIA G-SYNC *	✗	Weight & dimensions	
AMD FreeSync *	✗	Width (with stand)	613 mm
Fast charging	✓	Depth (with stand)	204 mm
Fast charging technology	Power Delivery	Height (with stand)	515 mm
VESA Adaptive Sync support	✓	Weight (with stand)	9.43 kg
Component video sync	Separate sync	Width (without stand)	613 mm
Low Blue Light technology	✓	Depth (without stand)	68 mm
HBR3 support	✓	Height (without stand)	369 mm
Compatible operating systems	Mac OS X Windows 10 / 8.1 / 8 / 7	Weight (without stand)	7.02 kg
Multimedia		Packaging data	
Built-in speaker(s) *	✓	Package width	735 mm
Built-in camera *	✗	Package depth	285 mm
Number of speakers	2	Package height	423 mm
RMS rated power	6 W	Package weight	14.5 kg
Design		Sustainability	
Market positioning *	Office	Sustainability compliance	✓
Product colour *	Black	Sustainability certificates	RoHS
Front bezel colour	Black	Doesn't contain	Mercury, PVC/BFR
Feet colour	Black	European Product Registry for Energy Labelling (EPREL) code	1140090
Ports & interfaces		Recycling data	
Built-in USB hub *	✓	Post-consumer recycled plastic	35%
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Other features	
USB upstream port type	USB Type-C	DCI-P3 coverage	97.2%
Number of upstream ports	1	Picture-by-Picture (PbP)	✓
USB Power Delivery	✓	Exterior finish type	Textured
USB Power Delivery up to	90 W	Picture enhancement	SmartImage
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	2	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; cETLus; CU-EAC; EAEU RoHS; SEMKO; TUV Ergo; TUV/GS
HDMI version	2.0	Delta E	1
DisplayPorts quantity	1	Light sensor	✓
DisplayPort version	1.4	EasyRead mode	✓
Thunderbolt 4 ports quantity	1	LowBlue mode	✓
Audio output	✓	Philips SmartUniformity	93 - 105%
HDCP	✓	Mean time between failures (MTBF)	70000 h
HDCP version	1.4/2.2	Ethernet LAN data rates	10,100,1000 Mbit/s
Network		Wake-on-LAN	✓
Ethernet LAN	✓	Ergonomics	
Ergonomics		VESA mounting *	✓
VESA mounting *	✓	Panel mounting interface	100 x 100 mm
Panel mounting interface	100 x 100 mm	Cable lock slot *	✓
Cable lock slot *	✓	Cable lock slot type	Kensington
Cable lock slot type	Kensington		



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