

PHILIPS

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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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 color accuracy for color-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	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	✓
Backlight type	Mini LED	Tilt angle range	-5 - 15°
Touchscreen *	✗	On Screen Display (OSD)	✓
Display brightness (peak)	1400 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
Display brightness (typical)	1000 cd/m²	Plug and Play	✓
Response time *	4 ms	LED indicators	Operation, Stand-by
Anti-glare screen	✓	Power	
Screen shape *	Flat	Energy efficiency class (SDR) *	G
Contrast ratio (typical) *	1300:1	Energy efficiency class (HDR) *	G
Dynamic contrast ratio marketing name	Mega Infinity DCR	Energy consumption (SDR) per 1000 hours *	65 kWh
Maximum refresh rate *	60 Hz	Energy consumption (HDR) per 1000 hours *	80 kWh
Viewing angle, horizontal	178°	Power consumption (typical) *	74.5 W
Viewing angle, vertical	178°	Power consumption (standby) *	0.3 W
Display number of colours *	1.07 billion colours	Power consumption (PowerSave)	45.1 W
Pixel pitch	0.1554 x 0.1554 mm	AC input voltage	100 - 240 V
Pixel density	163 ppi	AC input frequency	50 - 60 Hz
Horizontal scan range	30 - 140 kHz	Power supply type	Internal
Vertical scan range	40 - 60 Hz	Energy efficiency scale	A to G
Viewable size, horizontal	59.7 cm		
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	European Product Registry for Energy Labelling (EPREL) code	1140090
DDC/CI	✓	Operational conditions	
Haze rate	25%	Operating temperature (T-T)	0 - 40 °C
Surface hardness	3H	Storage temperature (T-T)	-20 - 60 °C
Colour gamut standard	sRGB	Operating relative humidity (H-H)	20 - 80%
sRGB coverage (typical)	154%	Operating altitude	0 - 3658 m
NTSC coverage (typical)	121%	Non-operating altitude	3658 - 12192 m
Adobe RGB coverage	99.2%	Weight & dimensions	
DCI-P3 coverage	97.2%	Width (with stand)	613 mm
Display sRGB	✓	Depth (with stand)	204 mm
Performance		Height (with stand)	515 mm
NVIDIA G-SYNC *	✗	Weight (with stand)	9.43 kg
AMD FreeSync *	✗	Width (without stand)	613 mm
Fast charging	✓	Depth (without stand)	68 mm
Fast charging technology	Power Delivery	Height (without stand)	369 mm
VESA Adaptive Sync support	✓	Weight (without stand)	7.02 kg
Component video sync	Separate sync	Packaging data	
Low Blue Light technology	✓	Package width	735 mm
Multimedia		Package depth	285 mm
Number of speakers	2	Package height	423 mm
RMS rated power	6 W	Package weight	14.5 kg
Built-in speaker(s) *	✓	Packaging content	
Built-in camera *	✗	Stand included	✓
Design		Cables included	AC, DisplayPort, HDMI
Market positioning *	Office	Manual	✓
Product colour *	Black	Bundled software	SmartControl
Front bezel colour	Black	Sustainability	
Feet colour	Black	Sustainability compliance	✓
Ports & interfaces		Doesn't contain	Mercury, PVC/BFR
Built-in USB hub *	✓	Other features	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	HBR3 support	✓
USB upstream port type	USB Type-C	Compatible operating systems	Mac OS X Windows 10 / 8.1 / 8 / 7
Number of upstream ports	1	Picture-by-Picture (PbP)	✓
USB Power Delivery (USB PD)	✓	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	✓	Compliance certificates	RoHS
HDCP version	1.4/2.2	Mean time between failures (MTBF)	70000 h
Network		Ethernet LAN data rates	10,100,1000 Mbit/s
Ethernet LAN	✓	Wake-on-LAN	✓
Ergonomics		Recycling data	
VESA mounting *	✓	Post-consumer recycled plastic	35%
Panel mounting interface	100 x 100 mm		
Cable lock slot *	✓		
Cable lock slot type	Kensington		
Height adjustment *	✓		



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