

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

4K UHD Mini-LED Thunderbolt™ 4 monitor

[Philips Brilliance 27B1U7903/00 LED display 68.6 cm \(27"\) 3840 x 2160 pixels 4K Ultra HD 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 27B1U7903/00. 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")	Cable lock slot type	Kensington
Display resolution *	3840 x 2160 pixels	Height adjustment *	✓
HD type *	4K Ultra HD	Height adjustment	13 cm
Native aspect ratio *	16:9	Pivot	✓
Display technology *	LED	Pivot angle	-90 - 90°
Panel type *	IPS	Swivelling	✓
Backlight type	Mini LED	Swivel angle range	-45 - 45°
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	Tilt adjustment	✓
Contrast ratio (typical) *	1300:1		
Dynamic contrast ratio marketing name	Mega Infinity DCR	Power	
Maximum refresh rate *	60 Hz	Energy efficiency class (SDR) *	G
Viewing angle, horizontal	178°	Energy efficiency class (HDR) *	G
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	65 kWh
Display number of colours *	1.07 billion colours	Energy consumption (HDR) per 1000 hours *	80 kWh
Pixel pitch	0.1554 x 0.1554 mm	Power consumption (typical) *	74.5 W
Pixel density	163 ppi	Power consumption (standby) *	0.3 W
Horizontal scan range	30 - 140 kHz	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
RGB colour space	sRGB	Storage temperature (T-T)	-20 - 60 °C
sRGB coverage (typical)	154%	Operating relative humidity (H-H)	20 - 80%
NTSC coverage (typical)	121%	Operating altitude	0 - 3658 m
Adobe RGB coverage	99.2%	Non-operating altitude	3658 - 12192 m
Display sRGB	✓	Packaging content	
Performance		Stand included	✓
NVIDIA G-SYNC *	✗	Cables included	AC, DisplayPort, HDMI
AMD FreeSync *	✗	Manual	✓
Fast charging	✓	Bundled software	SmartControl
Fast charging technology	Power Delivery	Weight & dimensions	
VESA Adaptive Sync support	✓	Width (with stand)	613 mm
Component video sync	Separate sync	Depth (with stand)	204 mm
Low Blue Light technology	✓	Height (with stand)	515 mm
HBR3 support	✓	Weight (with stand)	9.43 kg
Compatible operating systems	Mac OS X Windows 10 / 8.1 / 8 / 7	Width (without stand)	61.3 cm
Multimedia		Depth (without stand)	6.8 cm
Built-in speaker(s) *	✓	Height (without stand)	36.9 cm
Built-in camera *	✗	Weight (without stand)	7.02 kg
Number of speakers	2	Packaging data	
RMS rated power	6 W	Package width	735 mm
Design		Package depth	285 mm
Market positioning *	Office	Package height	423 mm
Product colour *	Black	Package weight	14.5 kg
Front bezel colour	Black	Sustainability	
Feet colour	Black	Sustainability compliance	✓
Ports & interfaces		Sustainability certificates	RoHS
Built-in USB hub *	✓	Doesn't contain	Mercury, PVC/BFR
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Recycling data	
USB upstream port type	USB Type-C	Post-consumer recycled plastic	35%
Number of upstream ports	1	Other features	
USB Power Delivery	✓	DCI-P3 coverage	97.2%
USB Power Delivery up to	90 W	Picture-by-Picture (PbP)	✓
HDMI *	✓	Exterior finish type	Textured
HDMI ports quantity	2	Picture enhancement	SmartImage
HDMI version	2.0	Recyclable packaging material	100%
DisplayPorts quantity	1	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; cETLus; CU-EAC; EAEU RoHS; SEMKO; TUV Ergo; TUV/GS
DisplayPort version	1.4	Delta E	1
Thunderbolt 4 ports quantity	1	Light sensor	✓
Audio output	✓	EasyRead mode	✓
HDCP	✓	LowBlue mode	✓
HDCP version	1.4/2.2	Philips SmartUniformity	93 - 105%
Network		Mean time between failures (MTBF)	70000 h
Ethernet LAN	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Ergonomics		Wake-on-LAN	✓
VESA mounting *	✓		
Panel mounting interface	100 x 100 mm		
Cable lock slot *	✓		



8712581799632

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 26-APR-2023. Prints or copies of Information are only valid on the printed Publication date