

Philips 5000 series 49B2U5900C/00 computer monitor 124 cm (48.8") 5120 x 1440 pixels Dual QHD LCD Black

Brand : Philips

Product family: 5000 series

Product code: 49B2U5900C/00

Product name :
49B2U5900C/00



Curved Business Monitor 49B2U5900C 32:9 SuperWide curved monitor with USB-C

Philips 5000 series 49B2U5900C/00 computer monitor 124 cm (48.8") 5120 x 1440 pixels Dual QHD LCD Black:

This 49" business monitor is made for efficiency. Its SuperWide screen, Smart KVM switch and USB-C connectivity make teamwork and moving between tasks an easier feat. Philips 5000 series 49B2U5900C/00. Display diagonal: 124 cm (48.8"), Display resolution: 5120 x 1440 pixels, HD type: Dual QHD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 32:9, 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		Ports & interfaces	
Display diagonal *	124 cm (48.8")	HDCP version	2.2
Display resolution *	5120 x 1440 pixels	Network	
HD type *	Dual QHD	Ethernet LAN	✓
Native aspect ratio *	32:9	Ergonomics	
Display technology *	LCD	VESA mounting *	✓
Panel type *	VA	Panel mounting interface	100 x 100 mm
LED backlight	✓	Cable lock slot *	✓
Backlight type	W-LED	Cable lock slot type	Kensington
Touchscreen *	✗	Height adjustment *	✓
Display brightness (peak)	500 cd/m²	Adjustable height (max)	15 cm
Display brightness (typical)	450 cd/m²	Swivelling	✓
Response time *	4 ms	Swivel angle range	-30 - 30°
Anti-glare screen	✓	Tilt adjustment	✓
Screen shape *	Curved	Tilt angle range	-5 - 15°
Screen curvature rating	1800R	Picture-in-Picture	✓
Contrast ratio (typical) *	3000:1	On Screen Display (OSD)	✓
Contrast ratio (dynamic)	80000000:1	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
Dynamic contrast ratio marketing name	SmartContrast		
Maximum refresh rate *	75 Hz	Number of OSD languages	21
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	1.07 billion colours	Power	
Pixel pitch	0.2328 x 0.2328 mm	Energy efficiency class (SDR) *	F
Pixel density	109 ppi		
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	119.2 cm		
Viewable size, vertical	33.5 cm		
Digital horizontal frequency	30 - 140 kHz		

Display		Power	
Digital vertical frequency	48 - 75 Hz	Energy efficiency class (HDR) *	G
Display diagonal (metric)	124 cm	Energy consumption (SDR) per 1000 hours *	42 kWh
High Dynamic Range (HDR) supported	✓	Energy consumption (HDR) per 1000 hours *	82 kWh
High Dynamic Range (HDR) technology	DisplayHDR 400	Power consumption (typical) *	52.27 W
DDC/CI	✓	Power consumption (standby) *	0.3 W
Haze rate	25%	Power consumption (off)	0 W
Surface hardness	3H	Power consumption (PowerSave)	34.18 W
Colour depth	8 bit	AC input voltage	100 - 240 V
Colour gamut standard	sRGB, NTSC	AC input frequency	50/60 Hz
Colour gamut	97%	Power supply type	Internal
sRGB coverage (typical)	119%	Energy efficiency scale	A to G
NTSC coverage (typical)	97%	Operational conditions	
Display sRGB	✓	Operating temperature (T-T)	0 - 40 °C
Display panel size	48.8 inch/124 cm	Storage temperature (T-T)	-20 - 60 °C
Frame Rate Control (FRC) colour depth	8 bit	Operating relative humidity (H-H)	20 - 80%
Performance		Operating altitude	0 - 3658 m
NVIDIA G-SYNC *	✗	Non-operating altitude	0 - 12192 m
AMD FreeSync *	✗	Weight & dimensions	
Fast charging	✓	Width (with stand)	1193 mm
Fast charging technology	Power Delivery 3.0	Depth (with stand)	268 mm
VESA Adaptive Sync support	✓	Height (with stand)	583 mm
Component video sync	Separate Sync	Weight (with stand)	15.3 kg
Flicker-free technology	✓	Width (without stand)	1193 mm
Low Blue Light technology	✓	Depth (without stand)	164 mm
Multimedia		Height (without stand)	373 mm
Number of speakers	2	Weight (without stand)	11.7 kg
RMS rated power	6 W	Packaging data	
Built-in speaker(s) *	✓	Package width	1290 mm
Built-in camera *	✗	Package depth	300 mm
Design		Package height	475 mm
Market positioning *	Business	Package weight	22.7 kg
Product colour *	Black	Packaging content	
Feet colour	Silver	Stand included	✓
Ports & interfaces		Manual	✓
Built-in USB hub *	✓	Bundled software	SmartControl
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Sustainability	
USB upstream port type	USB Type-B, USB Type-C	Sustainability compliance	✓
Number of upstream ports	2	Sustainability certificates	ENERGY STAR, EPEAT, TCO
Number of USB Type-B upstream ports quantity	1	Doesn't contain	Mercury, PVC/BFR
Number of USB Type-C upstream ports quantity	1	Other features	
USB Type-A downstream ports quantity	2	HBR3 support	✓
USB Type-C downstream ports quantity	1	Compatible operating systems	Mac OS; Windows 11/10/8.1/8
USB Type-C DisplayPort Alternate Mode	✓	Picture-by-Picture (PbP)	✓
USB Power Delivery (USB PD)	✓	Exterior finish type	Textured
USB Power Delivery up to	100 W	Monitor sync input signal	Separate Sync; Sync on Green
HDMI *	✓	User controls	SmartImage; Input; User; Menu; Power On/Off
HDMI ports quantity	2	Picture enhancement	SmartImage
HDMI version	2.0	Heavy metals free	Hg (mercury)
DisplayPorts quantity	1	SoftBlue	✓
DisplayPort version	1.4	EasyRead mode	✓
		LowBlue mode	✓
		Philips SmartUniformity	93 - 105%
		Compliance certificates	Federal Communications Commission (FCC), ICES, RoHS, cTUVus

Ports & interfaces		Other features	
Audio output	✓	MultiView	PIP/PBP mode; 2 x devices
Microphone in	✓		CB; CE Mark; ETL; CEC; TUV/GS;
Built-in KVM switch	✓		TUV Ergo; TCO Certified; TCO
HDCP	✓	Regulatory Approvals	Certified Edge; EAC; EAC ROHS;
			MEPS; UKCA; EMF; FCC; ICES-003;
			TÜV Rheinland Low Blue Light
			(Hardware Solution); eyesafe®
			CERTIFIED 2.0
		Delta E	2
		Built-in headphone hook	✓
		Mean time between failures (MTBF)	70000 h
Recycling data			
		Packaging recyclability rate	100%
		Product post-consumer recycled plastic	85%



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Catalog Object Cloud



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