PHILIPS

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	
Display diagonal *	124 cm (48.8")
Display resolution *	5120 x 1440 pixels
HD type *	Dual QHD
Native aspect ratio *	32:9
Display technology *	LCD
Panel type *	VA
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (peak)	500 cd/m²
Display brightness (typical)	450 cd/m²
Response time *	4 ms
Anti-glare screen	✔
Screen shape *	Curved
Screen curvature rating	1800R
Contrast ratio (typical) *	3000:1
Contrast ratio (dynamic)	80000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	75 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Pixel pitch	0.2328 x 0.2328 mm
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

Ports & interfaces	
HDCP version	2.2
Network	
Ethernet LAN	✔
Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	15 cm
Swivelling	✔
Swivel angle range	-30 - 30°
Tilt adjustment	✔
Tilt angle range	-5 - 15°
Picture-in-Picture	✔
On Screen Display (OSD)	✔
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
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by
Power	
Energy efficiency class (SDR) *	F

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Display	
Digital vertical frequency	48 - 75 Hz
Display diagonal (metric)	124 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 400
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour depth	8 bit
Colour gamut standard	sRGB, NTSC
Colour gamut	97%
sRGB coverage (typical)	119%
NTSC coverage (typical)	97%
Display sRGB	✔
Display panel size	48.8 inch/124 cm
Frame Rate Control (FRC) colour depth	8 bit

Performance	
NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
Fast charging	✔
Fast charging technology	Power Delivery 3.0
VESA Adaptive Sync support	✔
Component video sync	Separate Sync
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia	
Number of speakers	2
RMS rated power	6 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design	
Market positioning *	Business
Product colour *	Black
Feet colour	Silver

Ports & interfaces	
Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B, USB Type-C
Number of upstream ports	2
Number of USB Type-B upstream ports quantity	1
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	2
USB Type-C downstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	100 W
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4

Power	
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	42 kWh
Energy consumption (HDR) per 1000 hours *	82 kWh
Power consumption (typical) *	52.27 W
Power consumption (standby) *	0.3 W
Power consumption (off)	0 W
Power consumption (PowerSave)	34.18 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Energy efficiency scale	A to G

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m

Weight & dimensions	
Width (with stand)	1193 mm
Depth (with stand)	268 mm
Height (with stand)	583 mm
Weight (with stand)	15.3 kg
Width (without stand)	1193 mm
Depth (without stand)	164 mm
Height (without stand)	373 mm
Weight (without stand)	11.7 kg

Packaging data	
Package width	1290 mm
Package depth	300 mm
Package height	475 mm
Package weight	22.7 kg

Packaging content	
Stand included	✔
Manual	✔
Bundled software	SmartControl

Sustainability	
Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, EPEAT, TCO
Doesn't contain	Mercury, PVC/BFR

Other features	
HBR3 support	✔
Compatible operating systems	Mac OS; Windows 11/10/8.1/8
Picture-by-Picture (PbP)	✔
Exterior finish type	Textured
Monitor sync input signal	Separate Sync; Sync on Green
User controls	SmartImage; Input; User; Menu; Power On/Off
Picture enhancement	SmartImage
Heavy metals free	Hg (mercury)
SoftBlue	✔
EasyRead mode	✔
LowBlue mode	✔
Philips SmartUniformity	93 - 105%
Compliance certificates	Federal Communications Commission (FCC), ICES, RoHS, cTUVus

Ports & interfaces	
Audio output	✔
Microphone in	✔
Built-in KVM switch	✔
HDCP	✔

Other features	
MultiView	PIP/PBP mode; 2 x devices
Regulatory Approvals	CB; CE Mark; ETL; CEC; TUV/GS; TUV Ergo; TCO Certified; TCO 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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