

PHILIPS

Philips 5000 series 49B2U5900CH/00 LED display 124 cm (48.8") 5120 x 1440 pixels Dual QHD LCD Black

Brand : Philips

Product family: 5000 series

Product code:
49B2U5900CH/00

Product name :
49B2U5900CH/00



Curved Business Monitor 49B2U5900CH 32:9 SuperWide curved monitor with USB-C

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Welcome to a more efficient workspace. To facilitate everyday workflow, this monitor's large 32:9 SuperWide screen is equipped with a new busy light and tilting webcam feature that helps you flow between tasks with ease.

Philips 5000 series 49B2U5900CH/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")	Built-in KVM switch	✓
Display resolution *	5120 x 1440 pixels	HDCP	✓
HD type *	Dual QHD	HDCP version	1.4/2.2
Native aspect ratio *	32:9	Network	
Display technology *	LCD	Ethernet LAN	✓
Panel type *	VA	Ergonomics	
Backlight type	W-LED	VESA mounting *	✓
Touchscreen *	✗	Panel mounting interface	100 x 100 mm
Display brightness (typical)	450 cd/m ²	Cable lock slot *	✓
Response time	4 ms	Cable lock slot type	Kensington
Anti-glare screen	✓	Height adjustment *	✓
Screen shape *	Curved	Height adjustment	15 cm
Screen curvature rating	1800R	Swivelling	✓
Contrast ratio (typical) *	3000:1	Swivel angle range	-30 - 30°
Contrast ratio (dynamic)	80000000:1	Tilt adjustment	✓
Dynamic contrast ratio marketing name	SmartContrast	Tilt angle range	-5 - 15°
Maximum refresh rate *	75 Hz	Picture-in-Picture	✓
Viewing angle, horizontal	178°	On Screen Display (OSD)	✓
Viewing angle, vertical	178°	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 number of colours *	1.07 billion colours	Number of OSD languages	21
Pixel pitch	0.2328 x 0.2328 mm	Plug and Play	✓
Pixel density	109 ppi	LED indicators	Operation, Stand-by
Horizontal scan range	30 - 140 kHz	Power	
Vertical scan range	48 - 75 Hz	Energy efficiency class (SDR) *	F
Viewable size, horizontal	119.2 cm		
Viewable size, vertical	33.5 cm		
Display diagonal (metric)	124 cm		
High Dynamic Range (HDR) supported	✓		

Display		Power	
High Dynamic Range (HDR) technology	DisplayHDR 400	Energy efficiency class (HDR) *	G
DDC/CI	✓	Energy consumption (SDR) per 1000 hours *	43 kWh
Haze rate	25%	Energy consumption (HDR) per 1000 hours *	82 kWh
Surface hardness	3H	Power consumption (typical) *	46.1 W
Colour depth	8 bit	Power consumption (standby) *	0.8 W
RGB colour space	sRGB	Power consumption (PowerSave)	39 W
sRGB coverage (typical)	119%	AC input voltage	100 - 240 V
NTSC coverage (typical)	97%	AC input frequency	50/60 Hz
Display sRGB	✓	Power supply type	Internal
Performance		Energy efficiency scale	A to G
NVIDIA G-SYNC *	✗	Operational conditions	
AMD FreeSync *	✗	Operating temperature (T-T)	0 - 40 °C
Fast charging	✓	Storage temperature (T-T)	-20 - 60 °C
Fast charging technology	Power Delivery	Operating relative humidity (H-H)	20 - 80%
VESA Adaptive Sync support	✓	Operating altitude	0 - 3658 m
Component video sync	Separate sync	Non-operating altitude	3658 - 12192 m
Flicker-free technology	✓	Packaging content	
Low Blue Light technology	✓	Stand included	✓
HBR3 support	✓	Cables included	AC, DisplayPort, HDMI, USB Type-C to USB Type-A, USB Type-C to USB Type-C
Compatible operating systems	Mac OS X Windows 11/10/8.1/8	Manual	✓
Multimedia		Bundled software	SmartControl
Built-in speaker(s) *	✓	Weight & dimensions	
Built-in camera *	✓	Width (with stand)	1193 mm
Number of speakers	2	Depth (with stand)	268 mm
RMS rated power	6 W	Height (with stand)	586 mm
Megapixel (approx.)	5 MP	Weight (with stand)	15.2 kg
Built-in microphone	✓	Width (without stand)	1193 mm
Design		Depth (without stand)	164 mm
Market positioning *	Business	Height (without stand)	373 mm
Product colour *	Black	Weight (without stand)	11.6 kg
Front bezel colour	Black	Packaging data	
Feet colour	Black	Package width	1290 mm
Heavy metals free	Hg (mercury)	Package depth	475 mm
Ports & interfaces		Package height	300 mm
Built-in USB hub *	✓	Package weight	19.4 kg
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	CB, CE, ENERGY STAR, EPEAT, Federal Communications Commission (FCC), RoHS, TCO, TUV
Number of USB Type-B upstream ports quantity	1	Doesn't contain	Mercury, PVC/BFR
Number of USB Type-C upstream ports quantity	1	Recycling data	
USB Type-A downstream ports quantity	2	Post-consumer recycled plastic	85%
USB Type-C downstream ports quantity	1	Other features	
USB Type-C DisplayPort Alternate Mode	✓	Picture-by-Picture (PbP)	✓
USB Power Delivery	✓	Exterior finish type	Textured
USB Power Delivery up to	100 W	Picture enhancement	SmartImage
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	2	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eyesafe certified; cETLus
HDMI version	2.0	Delta E	2
DisplayPorts quantity	1	EasyRead mode	✓
DisplayPort version	1.4	LowBlue mode	✓
Audio output	✓		
Microphone in	✓		

Other features

Philips SmartUniformity	93 - 105%
Mean time between failures (MTBF)	70000 h
Ethernet LAN data rates	10,100,1000 Mbit/s
Wake-on-LAN	✓



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