

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

32:9 SuperWide curved monitor with USB-C

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

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

<b>Display</b>		<b>Ergonomics</b>	
High Dynamic Range (HDR) technology	DisplayHDR 400	LED indicators	Operation, Stand-by
DDC/CI	✓	Tilt adjustment	✓
Haze rate	25%	<b>Power</b>	
Surface hardness	3H	Energy efficiency class (SDR) *	F
Colour depth	8 bit	Power consumption (typical) *	46.1 W
RGB colour space	sRGB	Power consumption (standby) *	0.8 W
sRGB coverage (typical)	119%	Power consumption (PowerSave)	39 W
NTSC coverage (typical)	97%	AC input voltage	100 - 240 V
Display sRGB	✓	AC input frequency	50/60 Hz
<b>Performance</b>		Power supply type	Internal
NVIDIA G-SYNC *	✗	<b>Operational conditions</b>	
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	✓	<b>Packaging content</b>	
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	✓
<b>Multimedia</b>		Bundled software	SmartControl
Built-in speaker(s) *	✓	<b>Weight &amp; dimensions</b>	
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
<b>Design</b>		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	<b>Packaging data</b>	
Feet colour	Black	Package width	1290 mm
Heavy metals free	Hg (mercury)	Package depth	475 mm
<b>Ports &amp; interfaces</b>		Package height	300 mm
Built-in USB hub *	✓	Package weight	19.4 kg
USB hub version	3.2 Gen 1 (3.1 Gen 1)	<b>Sustainability</b>	
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	<b>Recycling data</b>	
USB Type-A downstream ports quantity	2	Post-consumer recycled plastic	85%
USB Type-C downstream ports quantity	1	<b>Other features</b>	
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
		EasyRead mode	✓
		LowBlue mode	✓
		Philips SmartUniformity	93 - 105%

#### Other features

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



8712581802578

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-MAR-2024. Prints or copies of Information are only valid on the printed Publication date