

Philips 49B2U6900CH/00, 124 cm (48.8"), 5120 x 1440 pixels, Dual QHD, LCD, 4 ms, Black

Curved Business Monitor 49B2U6900CH 32:9 SuperWide curved monitor with USB-C

Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	49B2U6900CH/00
EAN/UPC	8712581802554



Description

This monitor is designed with everything you need for a collaborative remote workspace. Its webcam has new features like auto-framing, a busy light and an adjustable webcam for an unmatched video-conferencing experience.

Main features

	General
Display diagonal	124 cm
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)	Yes
Built-in USB hub	Yes
USB hub version	3.2 Gen 2 (3.1 Gen 2)
VESA mounting	Yes
Height adjustment	Yes
Product colour	Black

Extended details

	Display
Display diagonal	124 cm
Display resolution	5120 x 1440 pixels
Native aspect ratio	32:9
Display technology	LCD

Touchscreen	No
HD type	Dual QHD
Panel type	VA
Backlight type	W-LED
Display brightness (typical)	450 cd/m ²
Response time	4 ms
Anti-glare screen	Yes
Screen shape	Curved
Contrast ratio (typical)	3000:1
Contrast ratio (dynamic)	80000000:1
Maximum refresh rate	75 Hz
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Display number of colours	1.07 billion colours
Pixel pitch	0.233 x 0.233 mm
Pixel density	109 ppi
Horizontal scan range	30 - 140 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	119.2 cm
Viewable size, vertical	33.5 cm
Display diagonal (metric)	124 cm
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	DisplayHDR 400
DDC/CI	Yes
Haze rate	25 %
Surface hardness	3H
Colour depth	8 bit
sRGB coverage (typical)	119 %
NTSC coverage (typical)	97 %
Display sRGB	Yes
	Ports & interfaces
Built-in USB hub	Yes
USB hub version	3.2 Gen 2 (3.1 Gen 2)
USB upstream port type	USB Type-C
Number of USB Type-C upstream ports quantity	2

USB Type-A downstream ports quantity	4
USB Type-C downstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	Yes
USB Power Delivery (USB PD)	Yes
USB Power Delivery up to	100 W
HDMI	Yes
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	Yes
Headphone out	Yes
Microphone in	Yes
Built-in KVM switch	Yes
HDCP	Yes
HDCP version	1.4/2.2
Design	
Product colour	Black
Front bezel colour	Black
Feet colour	Black
Multimedia	
Built-in speaker(s)	Yes
Number of speakers	2
RMS rated power	10 W
Built-in camera	Yes
Megapixel (approx.)	5 MP
Built-in microphone	Yes
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	Yes
Adjustable height (max)	15 cm
Swivelling	Yes
Swivel angle range	-30 - 30 °

Tilt adjustment	Yes
Tilt angle range	-5 - 15 °
Picture-in-Picture	Yes
On Screen Display (OSD)	Yes
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
Number of OSD languages	21
Plug and Play	Yes
LED indicators	Operation, Stand-by
Performance	
VESA Adaptive Sync support	Yes
Component video sync	Separate sync
Flicker-free technology	Yes
Low Blue Light technology	Yes
Other features	
HBR3 support	Yes
Picture-by-Picture (PbP)	Yes
Exterior finish type	Textured
Recyclable packaging material	100 %
LowBlue mode	Yes
Philips SmartUniformity	93 - 105 %
Mean time between failures (MTBF)	70000 h
Picture enhancement	SmartImage
Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eyesafe certified; cETLus; EAC; MEPS; PSE; TCO Certified; TCO Certified Edge
Delta E	2
Wake-on-LAN	Yes
Packaging content	
Stand included	Yes
Manual	Yes
Bundled software	SmartControl
Weight & dimensions	
Width (with stand)	1193 mm
Depth (with stand)	268 mm
Height (with stand)	583 mm
Weight (with stand)	15.2 kg
Width (without stand)	1193 mm

Depth (without stand)	164 mm
Height (without stand)	373 mm
Weight (without stand)	11.6 kg
Packaging data	
Package width	1290 mm
Package depth	475 mm
Package height	300 mm
Package weight	19.4 kg
Power	
Energy efficiency class (SDR)	F
Power consumption (typical)	48.1 W
Power consumption (standby)	0.3 W
Power consumption (PowerSave)	37.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Network	
Ethernet LAN	Yes
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
Sustainability	
Doesn't contain	Mercury, PVC/BFR
Recycling data	
Post-consumer recycled plastic	85 %