

Philips 49B2U6903CH/00, 124.5 cm (49"), 5120 x 1440 pixels, Dual QHD, LCD, 4 ms, Grey

Curved Business monitor 49B2U6903CH 32:9 SuperWide Thunderbolt™ 4 monitor

Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	49B2U6903CH/00
EAN/UPC	8712581804763



Description

This Philips Thunderbolt™ 4 monitor is designed with everything you need for a collaborative remote workspace. Its webcam fashions features such as auto-framing and a busy light for an unmatched video conferencing experience.

Main features

	General
Display diagonal	124.5 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	Grey

Extended details

	Display
Display diagonal	124.5 cm
Display resolution	5120 x 1440 pixels
Native aspect ratio	32:9
Display technology	LCD

HD type	Dual QHD
Panel type	VA
LED backlight	Yes
Backlight type	W-LED
Display brightness (peak)	500 cd/m ²
Display brightness (typical)	450 cd/m ²
Response time	4 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	Yes
Screen shape	Curved
Screen curvature rating	1800R
Contrast ratio (typical)	3000:1
Contrast ratio (dynamic)	80000000:1
Maximum refresh rate	100 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 - 200 kHz
Vertical scan range	48 - 120 Hz
Viewable size, horizontal	119.2 cm
Viewable size, vertical	33.5 cm
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 400
DDC/CI	Yes
Haze rate	25 %
Surface hardness	3H
NTSC coverage (typical)	97 %
	Ports & interfaces
Built-in USB hub	Yes
USB hub version	3.2 Gen 2 (3.1 Gen 2)
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	4

USB Type-C downstream ports quantity	2
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
Thunderbolt 4 ports quantity	1
Audio output	Yes
HDCP	Yes
HDCP version	1.4/2.2
Design	
Market positioning	Business
Product colour	Grey
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 - 20 °
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, Turkish, Ukrainian

Performance

VESA Adaptive Sync support	Yes
Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	Yes

Other features

HBR3 support	Yes
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Packaging content

Stand included	Yes
Cables included	DisplayPort, HDMI, Power, Thunderbolt

Weight & dimensions

Width (with stand)	1193 mm
Depth (with stand)	268 mm
Height (with stand)	586 mm
Weight (with stand)	15.5 kg
Width (without stand)	1193 mm
Depth (without stand)	164 mm
Height (without stand)	373 mm
Weight (without stand)	11.8 kg

Packaging data

Package width	1290 mm
Package depth	300 mm
Package height	475 mm
Package weight	19.5 kg

Power

Energy efficiency class (SDR)	F
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	42 kWh
Energy consumption (HDR) per 1000 hours	93 kWh
Power consumption (typical)	41.85 W
Power consumption (standby)	0.5 W
Power consumption (PowerSave)	37.5 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	3658 - 12192 m
	Sustainability
Doesn't contain	Mercury, PVC/BFR
	Logistics data
Export Control Classification Number (ECCN)	EAR99