PHILIPS

Philips 6000 series 45B1U6900CH/00 computer monitor 113 cm (44.5") 5120 x 1440 pixels UltraWide Dual Quad HD LED Black

Brand : Philips

Product family: 6000 series

Product code:
45B1U6900CH/00

Product name :
45B1U6900CH/00



Curved Business Monitor 45B1U6900CH 32:9 SuperWide curved monitor with USB-C

Philips 6000 series 45B1U6900CH/00 computer monitor 113 cm (44.5") 5120 x 1440 pixels UltraWide Dual Quad HD LED Black:

This USB-C monitor is for video watching, data transfer and power delivery. The integrated 5MP webcam delivers sharp images, and noise cancelling mic let people hear you fine. Pop-up webcam for quick access and strong security.
Philips 6000 series 45B1U6900CH/00. Display diagonal: 113 cm (44.5"), Display resolution: 5120 x 1440 pixels, HD type: UltraWide Dual Quad HD, Display technology: LED, 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 2 (3.1 Gen 2). VESA mounting, Height adjustment. Product colour: Black



Display	
Display diagonal *	113 cm (44.5")
Display resolution *	5120 x 1440 pixels
HD type *	UltraWide Dual Quad HD
Native aspect ratio *	32:9
Display technology *	LED
Panel type *	VA
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	450 cd/m²
Response time *	4 ms
Anti-glare screen	✔
Screen shape *	Curved
Screen curvature rating	1500R
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 *	16.7 million colours
Pixel pitch	0.2124 x 0.2124 mm
Pixel density	120 ppi
Horizontal scan range	30 - 114 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	108.7 cm
Viewable size, vertical	30.6 cm
Display diagonal (metric)	113 cm

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	-45 - 45°
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) *	G
Power consumption (typical) *	46.3 W
Power consumption (standby) *	0.3 W

Display	
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 400
DDC/CI	✔
Haze rate	25%
Surface hardness	2H
Colour depth	8 bit
Colour gamut standard	sRGB, NTSC
Colour gamut	107%
sRGB coverage (typical)	123%
NTSC coverage (typical)	107%
Display sRGB	✔
Display panel size	44.5 inch / 113 cm

Performance	
VESA Adaptive Sync support	✔
Component video sync	Separate Sync
Flicker-free technology	✔

Multimedia	
Number of speakers	2
RMS rated power	10 W
Built-in speaker(s) *	✔
Megapixel (approx.)	5 MP
Built-in microphone	✔
Built-in camera *	✔

Design	
Market positioning *	Business
Product colour *	Black
Frameless design	✔
Front bezel colour	Black
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✔
USB hub version	3.2 Gen 2 (3.1 Gen 2)
USB upstream port type	USB Type-C
Number of upstream ports	2
USB Type-A downstream ports quantity	4
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
Audio output	✔
Microphone in	✔
Built-in KVM switch	✔
HDCP	✔
HDCP version	2.2
AC (power) in	✔

Power	
Power consumption (off)	0 W
Power consumption (PowerSave)	39.4 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal

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)	1085 mm
Depth (with stand)	238 mm
Height (with stand)	515 mm
Weight (with stand)	13 kg
Width (without stand)	1085 mm
Depth (without stand)	158 mm
Height (without stand)	337 mm
Weight (without stand)	9.9 kg

Packaging data	
Package width	1180 mm
Package depth	535 mm
Package height	235 mm
Package weight	17.3 kg

Packaging content	
Stand included	✔
Cables included	HDMI, DisplayPort, USB Type-C, AC
Manual	✔
Bundled software	SmartControl

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

Other features	
HBR3 support	✔
Compatible operating systems	DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8
Picture-by-Picture (PbP)	✔
Exterior finish type	Textured
Monitor sync input signal	Separate Sync
Light sensor	✔
EasyRead mode	✔
LowBlue mode	✔
Philips SmartUniformity	93 - 105%
Compliance certificates	RoHS
User controls	Mic, SmartImage, Input, User, Menu, Power On/Off
Picture enhancement	SmartImage
MultiView	PIP/PBP mode, 2x devices
Regulatory Approvals	CB, CE Mark, FCC Class B, ICES-003, CU-EAC, EAEU RoHS, TUV Ergo, TUV/GS, eyesafe® CERTIFIED 2.0, cETLus, TÜV Rheinland Low Blue Light (Hardware Solution)
Delta E	2
Mean time between failures (MTBF)	70000 h
Ethernet LAN data rates	10,100,1000 Mbit/s
Wake-on-LAN	✔

Recycling data	
Packaging recyclability rate	100%
Product post-consumer recycled plastic	85%

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Catalog Object Cloud

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