

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		Network	
Display diagonal *	113 cm (44.5")	Ethernet LAN	✓
Display resolution *	5120 x 1440 pixels	Ergonomics	
HD type *	UltraWide Dual Quad HD	VESA mounting *	✓
Native aspect ratio *	32:9	Panel mounting interface	100 x 100 mm
Display technology *	LED	Cable lock slot *	✓
Panel type *	VA	Cable lock slot type	Kensington
LED backlight	✓	Height adjustment *	✓
Backlight type	W-LED	Adjustable height (max)	15 cm
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	450 cd/m²	Swivel angle range	-45 - 45°
Response time *	4 ms	Tilt adjustment	✓
Anti-glare screen	✓	Tilt angle range	-5 - 15°
Screen shape *	Curved	Picture-in-Picture	✓
Screen curvature rating	1500R	On Screen Display (OSD)	✓
Contrast ratio (typical) *	3000:1	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
Contrast ratio (dynamic)	80000000:1		
Dynamic contrast ratio marketing name	SmartContrast	Number of OSD languages	21
Maximum refresh rate *	75 Hz	Plug and Play	✓
Viewing angle, horizontal	178°	LED indicators	Operation, Stand-by
Viewing angle, vertical	178°	Power	
Display number of colours *	16.7 million colours	Energy efficiency class (SDR) *	G
Pixel pitch	0.2124 x 0.2124 mm	Power consumption (typical) *	46.3 W
Pixel density	120 ppi	Power consumption (standby) *	0.3 W
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		

Display		Power	
High Dynamic Range (HDR) supported	✓	Power consumption (off)	0 W
High Dynamic Range (HDR) technology	DisplayHDR 400	Power consumption (PowerSave)	39.4 W
DDC/CI	✓	AC input voltage	100 - 240 V
Haze rate	25%	AC input frequency	50/60 Hz
Surface hardness	2H	Power supply type	Internal
Colour depth	8 bit	Operational conditions	
Colour gamut standard	sRGB, NTSC	Operating temperature (T-T)	0 - 40 °C
Colour gamut	107%	Storage temperature (T-T)	-20 - 60 °C
sRGB coverage (typical)	123%	Operating relative humidity (H-H)	20 - 80%
NTSC coverage (typical)	107%	Operating altitude	0 - 3658 m
Display sRGB	✓	Non-operating altitude	0 - 12192 m
Display panel size	44.5 inch / 113 cm	Weight & dimensions	
Performance		Width (with stand)	1085 mm
VESA Adaptive Sync support	✓	Depth (with stand)	238 mm
Component video sync	Separate Sync	Height (with stand)	515 mm
Flicker-free technology	✓	Weight (with stand)	13 kg
Multimedia		Width (without stand)	1085 mm
Number of speakers	2	Depth (without stand)	158 mm
RMS rated power	10 W	Height (without stand)	337 mm
Built-in speaker(s) *	✓	Weight (without stand)	9.9 kg
Megapixel (approx.)	5 MP	Packaging data	
Built-in microphone	✓	Package width	1180 mm
Built-in camera *	✓	Package depth	535 mm
Design		Package height	235 mm
Market positioning *	Business	Package weight	17.3 kg
Product colour *	Black	Packaging content	
Frameless design	✓	Stand included	✓
Front bezel colour	Black	Cables included	HDMI, DisplayPort, USB Type-C, AC
Feet colour	Black	Manual	✓
Ports & interfaces		Bundled software	SmartControl
Built-in USB hub *	✓	Sustainability	
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Sustainability certificates	ENERGY STAR, TCO
USB upstream port type	USB Type-C	Doesn't contain	Mercury, PVC/BFR
Number of upstream ports	2	Other features	
USB Type-A downstream ports quantity	4	HBR3 support	✓
USB Type-C downstream ports quantity	1	Compatible operating systems	DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8
USB Type-C DisplayPort Alternate Mode	✓	Picture-by-Picture (PbP)	✓
USB Power Delivery (USB PD)	✓	Exterior finish type	Textured
USB Power Delivery up to	100 W	Monitor sync input signal	Separate Sync
HDMI *	✓	Light sensor	✓
HDMI ports quantity	2	EasyRead mode	✓
HDMI version	2.0	LowBlue mode	✓
DisplayPorts quantity	1	Philips SmartUniformity	93 - 105%
DisplayPort version	1.4	Compliance certificates	RoHS
Audio output	✓	User controls	Mic, SmartImage, Input, User, Menu, Power On/Off
Microphone in	✓	Picture enhancement	SmartImage
Built-in KVM switch	✓	MultiView	PIP/PBP mode, 2x devices
HDCP	✓	Regulatory Approvals	CB, CE Mark, FCC Class B, ICES-003, CU-EAC, EAEU RoHS, TÜV Ergo, TÜV/GS, eyesafe® CERTIFIED 2.0, cETLus, TÜV Rheinland Low Blue Light (Hardware Solution)
HDCP version	2.2	Delta E	2
AC (power) in	✓	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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