

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

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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 great for watching videos, data transfer and power delivery. The integrated 5 MP webcam delivers sharp images, and a noise-cancelling mic lets people hear you clearly. Features a pop-up webcam for quick access and robust 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
Backlight type	W-LED	Height adjustment *	✓
Touchscreen *	✗	Adjustable height (max)	15 cm
Display brightness (typical)	450 cd/m²	Swivelling	✓
Response time *	4 ms	Swivel angle range	-45 - 45°
Anti-glare screen	✓	Tilt adjustment	✓
Screen shape *	Curved	Tilt angle range	-5 - 15°
Screen curvature rating	1500R	Picture-in-Picture	✓
Contrast ratio (typical) *	3000:1	On Screen Display (OSD)	✓
Contrast ratio (dynamic)	80000000:1	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
Dynamic contrast ratio marketing name	SmartContrast		
Maximum refresh rate *	75 Hz		
Viewing angle, horizontal	178°	Number of OSD languages	21
Viewing angle, vertical	178°	Plug and Play	✓
Display number of colours *	16.7 million colours	LED indicators	Operation, Stand-by
Pixel pitch	0.2124 x 0.2124 mm	Power	
Pixel density	120 ppi	Energy efficiency class (SDR) *	G
Horizontal scan range	30 - 114 kHz	Power consumption (typical) *	46.3 W
Vertical scan range	48 - 75 Hz	Power consumption (standby) *	0.3 W
Viewable size, horizontal	108.7 cm	Power consumption (PowerSave)	39.4 W
Viewable size, vertical	30.6 cm		
Display diagonal (metric)	113 cm		

Display		Power	
High Dynamic Range (HDR) supported	✓	AC input voltage	100 - 240 V
High Dynamic Range (HDR) technology	DisplayHDR 400	AC input frequency	50 - 60 Hz
DDC/CI	✓	Power supply type	Internal
Haze rate	25%	Operational conditions	
Surface hardness	2H	Operating temperature (T-T)	0 - 40 °C
Colour depth	8 bit	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
Performance		Weight & dimensions	
VESA Adaptive Sync support	✓	Width (with stand)	1085 mm
Component video sync	Separate Sync	Depth (with stand)	238 mm
Flicker-free technology	✓	Height (with stand)	515 mm
Multimedia		Weight (with stand)	13 kg
Number of speakers	2	Width (without stand)	1085 mm
Built-in speaker(s) *	✓	Depth (without stand)	158 mm
Megapixel (approx.)	5 MP	Height (without stand)	337 mm
Built-in microphone	✓	Weight (without stand)	9.9 kg
Built-in camera *	✓	Packaging data	
Design		Package width	1180 mm
Market positioning *	Business	Package depth	535 mm
Product colour *	Black	Package height	235 mm
Frameless design	✓	Package weight	17.3 kg
Front bezel colour	Black	Packaging content	
Feet colour	Black	Stand included	✓
Ports & interfaces		Cables included	HDMI, DisplayPort, USB Type-C, AC
Built-in USB hub *	✓	Manual	✓
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Bundled software	SmartControl
USB upstream port type	USB Type-C	Sustainability	
Number of upstream ports	2	Sustainability certificates	ENERGY STAR, TCO
USB Type-A downstream ports quantity	4	Doesn't contain	Mercury, PVC/BFR
USB Type-C downstream ports quantity	1	Other features	
USB Type-C DisplayPort Alternate Mode	✓	HBR3 support	✓
USB Power Delivery (USB PD)	✓	Compatible operating systems	Mac OS X, Windows 11/10/8.1/8
USB Power Delivery up to	100 W	Picture-by-Picture (PbP)	✓
HDMI *	✓	Exterior finish type	Textured
HDMI ports quantity	2	Picture enhancement	SmartImage
HDMI version	2.0	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eyesafe certified; cETLus
DisplayPorts quantity	1		
DisplayPort version	1.4		
Audio output	✓	Delta E	2
Microphone in	✓	Light sensor	✓
Built-in KVM switch	✓	EasyRead mode	✓
HDCP	✓	LowBlue mode	✓
HDCP version	1.4/2.2	Philips SmartUniformity	93 - 105%
AC (power) in	✓	Compliance certificates	RoHS
		Mean time between failures (MTBF)	70000 h
		Ethernet LAN data rates	10,100,1000 Mbit/s
		Wake-on-LAN	✓
		Recycling data	
		Recyclable packaging material	100%
		Post-consumer recycled plastic	85%



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