

PHILIPS

## Philips 6000 series 45B1U6900CH/00 LED display 113 cm (44.5") 5120 x 1440 pixels UltraWide Dual Quad HD 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 LED display 113 cm (44.5") 5120 x 1440 pixels UltraWide Dual Quad HD 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. Windows Hello 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	<b>Ergonomics</b>	
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 *	✗	Height adjustment	15 cm
Display brightness (typical)	450 cd/m <sup>2</sup>	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	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°	<b>Power</b>	
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	Power consumption (PowerSave)	39.4 W
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	108.7 cm		
Viewable size, vertical	30.6 cm		
Display diagonal (metric)	113 cm		

<b>Display</b>		<b>Power</b>	
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%	<b>Operational conditions</b>	
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
<b>Performance</b>		<b>Weight &amp; dimensions</b>	
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
<b>Multimedia</b>		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 *	✓	<b>Packaging data</b>	
<b>Design</b>		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	<b>Packaging content</b>	
Feet colour	Black	Stand included	✓
<b>Ports &amp; interfaces</b>		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	<b>Sustainability</b>	
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	<b>Other features</b>	
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	Recyclable packaging material	100%
DisplayPorts quantity	1	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eyesafe certified; cETLus
DisplayPort version	1.4	Delta E	2
Audio output	✓	Light sensor	✓
Microphone in	✓	EasyRead mode	✓
Built-in KVM switch	✓	LowBlue mode	✓
HDCP	✓	Philips SmartUniformity	93 - 105%
HDCP version	1.4/2.2	Compliance certificates	RoHS
AC (power) in	✓	Mean time between failures (MTBF)	70000 h
		Ethernet LAN data rates	10,100,1000 Mbit/s
		Wake-on-LAN	✓
		<b>Recycling data</b>	
		Post-consumer recycled plastic	85%



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