

PHILIPS

## Philips 6000 series 45B1U6900CH/75 LED display 113 cm (44.5") 5120 x 1440 pixels UltraWide Dual Quad HD LCD Black

Brand : Philips

Product family: 6000 series

Product code:  
45B1U6900CH/75

Product name :  
45B1U6900CH/75



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

Philips 6000 series 45B1U6900CH/75 LED display 113 cm (44.5") 5120 x 1440 pixels UltraWide Dual Quad HD LCD Black:

This USB-C monitor is for data transfer, power delivery and watching videos. The integrated 5 MP webcam delivers sharp images, and the noise cancelling mic lets people hear you fine. Windows Hello Webcam for quick access and strong security.

Philips 6000 series 45B1U6900CH/75. Display diagonal: 113 cm (44.5"), Display resolution: 5120 x 1440 pixels, HD type: UltraWide Dual Quad HD, Display technology: LCD, 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		Ports & interfaces	
Display diagonal *	113 cm (44.5")	HDCP version	1.4/2.2
Display resolution *	5120 x 1440 pixels	<b>Network</b>	
HD type *	UltraWide Dual Quad HD	Ethernet LAN	✓
Native aspect ratio *	32:9	<b>Ergonomics</b>	
Display technology *	LCD	VESA mounting *	✓
Panel type *	VA	Panel mounting interface	100 x 100 mm
Backlight type	W-LED	Cable lock slot *	✓
Touchscreen *	✗	Cable lock slot type	Kensington
Display brightness (typical)	450 cd/m <sup>2</sup>	Height adjustment *	✓
Response time	4 ms	Height adjustment	15 cm
Anti-glare screen	✓	Swivelling	✓
Screen shape *	Curved	Swivel angle range	-45 - 45°
Screen curvature rating	1500R	Tilt angle range	-5 - 15°
Contrast ratio (typical) *	3000:1	Picture-in-Picture	✓
Contrast ratio (dynamic)	80000000:1	On Screen Display (OSD)	✓
Dynamic contrast ratio marketing name	SmartContrast	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
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	Energy efficiency class (HDR) *	G
Pixel density	120 ppi	Energy consumption (SDR) per 1000 hours *	58 kWh
Horizontal scan range	30 - 114 kHz	Energy consumption (HDR) per 1000 hours *	77 kWh
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	108.7 cm		
Viewable size, vertical	30.6 cm		
Display diagonal (metric)	113 cm		
High Dynamic Range (HDR) supported	✓		

<b>Display</b>		<b>Power</b>	
High Dynamic Range (HDR) technology	DisplayHDR 400	Power consumption (typical) *	46.3 W
DDC/CI	✓	Power consumption (standby) *	0.3 W
Haze rate	25%	Power consumption (PowerSave)	39.4 W
Surface hardness	2H	AC input voltage	100 - 240 V
Colour depth	8 bit	AC input frequency	50 - 60 Hz
RGB colour space	sRGB	Power supply type	Internal
sRGB coverage (typical)	123%	Energy efficiency scale	A to G
NTSC coverage (typical)	107%	<b>Operational conditions</b>	
Display sRGB	✓	Operating temperature (T-T)	0 - 40 °C
<b>Performance</b>		Storage temperature (T-T)	-20 - 60 °C
NVIDIA G-SYNC *	✗	Operating relative humidity (H-H)	20 - 80%
AMD FreeSync *	✗	Operating altitude	0 - 3658 m
Fast charging	✓	Non-operating altitude	3658 - 12192 m
Fast charging technology	Power Delivery	<b>Packaging content</b>	
VESA Adaptive Sync support	✓	Stand included	✓
Component video sync	Separate sync	Cables included	AC, DisplayPort, HDMI, USB Type-C to USB Type-A, USB Type-C to USB Type-C
Flicker-free technology	✓	Manual	✓
Low Blue Light technology	✓	Bundled software	SmartControl
HBR3 support	✓	<b>Weight &amp; dimensions</b>	
Compatible operating systems	Mac OS X Windows 11/10/8.1/8	Width (with stand)	1085 mm
<b>Multimedia</b>		Depth (with stand)	238 mm
Built-in speaker(s) *	✓	Height (with stand)	515 mm
Built-in camera *	✓	Weight (with stand)	13 kg
Number of speakers	2	Width (without stand)	1085 mm
RMS rated power	10 W	Depth (without stand)	158 mm
Megapixel (approx.)	5 MP	Height (without stand)	337 mm
Built-in microphone	✓	Weight (without stand)	9.9 kg
<b>Design</b>		<b>Packaging data</b>	
Market positioning *	Business	Package width	1180 mm
Product colour *	Black	Package depth	535 mm
Front bezel colour	Black	Package height	235 mm
Feet colour	Black	Package weight	17.3 kg
<b>Ports &amp; interfaces</b>		<b>Sustainability</b>	
Built-in USB hub *	✓	Sustainability compliance	✓
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Sustainability certificates	CE, ENERGY STAR, Federal Communications Commission (FCC), RoHS, TCO
USB upstream port type	USB Type-C	Doesn't contain	Mercury, PVC/BFR
Number of upstream ports	2	European Product Registry for Energy Labelling (EPREL) code	1406148
Number of USB Type-C upstream ports quantity	2	<b>Recycling data</b>	
USB Type-A downstream ports quantity	4	Post-consumer recycled plastic	85%
USB Type-C downstream ports quantity	1	<b>Other features</b>	
USB Type-C DisplayPort Alternate Mode	✓	Picture-by-Picture (PbP)	✓
USB Power Delivery	✓	Exterior finish type	Textured
USB Power Delivery up to	100 W	Picture enhancement	SmartImage
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	2	Delta E	2
HDMI version	2.0	EasyRead mode	✓
DisplayPorts quantity	1	LowBlue mode	✓
DisplayPort version	1.4	Philips SmartUniformity	93 - 105%
Audio output	✓	Mean time between failures (MTBF)	70000 h
HDCP	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
		Wake-on-LAN	✓



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