

**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

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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		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 *	LCD	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 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	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Contrast ratio (dynamic)	80000000:1	Plug and Play	✓
Dynamic contrast ratio marketing name	SmartContrast	LED indicators	Operation, Stand-by
Maximum refresh rate *	75 Hz	<b>Power</b>	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	G
Viewing angle, vertical	178°	Energy efficiency class (HDR) *	G
Display number of colours *	16.7 million colours	Energy consumption (SDR) per 1000 hours *	58 kWh
Pixel pitch	0.2124 x 0.2124 mm	Energy consumption (HDR) per 1000 hours *	77 kWh
Pixel density	120 ppi	Power consumption (typical) *	46.3 W
Horizontal scan range	30 - 114 kHz	Power consumption (standby) *	0.3 W
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 (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	Energy efficiency scale	A to G
Colour gamut standard	sRGB	European Product Registry for Energy Labelling (EPREL) code	1406148
sRGB coverage (typical)	123%	<b>Operational conditions</b>	
NTSC coverage (typical)	107%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	✓	Storage temperature (T-T)	-20 - 60 °C
<b>Performance</b>		Operating relative humidity (H-H)	20 - 80%
NVIDIA G-SYNC *	✗	Operating altitude	0 - 3658 m
AMD FreeSync *	✗	Non-operating altitude	3658 - 12192 m
Fast charging	✓	<b>Weight &amp; dimensions</b>	
Fast charging technology	Power Delivery	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
Low Blue Light technology	✓	Width (without stand)	1085 mm
<b>Multimedia</b>		Depth (without stand)	158 mm
Number of speakers	2	Height (without stand)	337 mm
RMS rated power	10 W	Weight (without stand)	9.9 kg
Built-in speaker(s) *	✓	<b>Packaging data</b>	
Megapixel (approx.)	5 MP	Package width	1180 mm
Built-in microphone	✓	Package depth	535 mm
Built-in camera *	✓	Package height	235 mm
<b>Design</b>		Package weight	17.3 kg
Market positioning *	Business	<b>Packaging content</b>	
Product colour *	Black	Stand included	✓
Front bezel colour	Black	Cables included	AC, DisplayPort, HDMI, USB Type-C to USB Type-A, USB Type-C to USB Type-C
Feet colour	Black	Manual	✓
<b>Ports &amp; interfaces</b>		Bundled software	SmartControl
Built-in USB hub *	✓	<b>Sustainability</b>	
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Sustainability compliance	✓
USB upstream port type	USB Type-C	Sustainability certificates	ENERGY STAR, TCO
Number of upstream ports	2	Doesn't contain	Mercury, PVC/BFR
Number of USB Type-C upstream ports quantity	2	<b>Other features</b>	
USB Type-A downstream ports quantity	4	HBR3 support	✓
USB Type-C downstream ports quantity	1	Compatible operating systems	Mac OS X Windows 11/10/8.1/8
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	✓	Compliance certificates	CE, Federal Communications Commission (FCC), RoHS
HDCP	✓	Mean time between failures (MTBF)	70000 h
HDCP version	1.4/2.2	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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