

PHILIPS

Philips 6000 series 45B1U6900C 113 cm (44.5") 5120 x 1440 pixels UltraWide Dual Quad HD LED Black

Brand : Philips

Product family: 6000 series

Product code: 45B1U6900C/00

Product name : 45B1U6900C



32:9 SuperWide curved monitor with USB-C

Philips 6000 series 45B1U6900C 113 cm (44.5") 5120 x 1440 pixels UltraWide Dual Quad HD LED Black:

This Philips USB-C multi-purpose monitor offers clutter-free setup. With a single cable you can view smooth, high-resolution video, transfer data and charge your laptop. The headphone holder brings cable management to the next level.

Philips 6000 series 45B1U6900C. 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 1 (3.1 Gen 1). 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	AC (power) in	✓
HD type *	UltraWide Dual Quad HD	Network	
Native aspect ratio *	32:9	Ethernet LAN	✓
Display technology *	LED	Ergonomics	
Panel type *	VA	VESA mounting *	✓
Backlight type	W-LED	Panel mounting interface	100 x 100 mm
Touchscreen *	✗	Cable lock slot *	✓
Display brightness (typical)	450 cd/m ²	Cable lock slot type	Kensington
Response time	4 ms	Height adjustment *	✓
Anti-glare screen	✓	Height adjustment	15 cm
Screen shape *	Curved	Swivelling	✓
Screen curvature rating	1500R	Swivel angle range	-45 - 45°
Contrast ratio (typical) *	3000:1	Tilt angle range	-5 - 15°
Contrast ratio (dynamic)	80000000:1	Picture-in-Picture	✓
Dynamic contrast ratio marketing name	SmartContrast	On Screen Display (OSD)	✓
Maximum refresh rate *	75 Hz	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
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	Tilt adjustment	✓
Pixel density	120 ppi	Power	
Horizontal scan range	30 - 114 kHz	Energy efficiency class (SDR) *	G
Vertical scan range	48 - 75 Hz	Power consumption (typical) *	46.3 W
Viewable size, horizontal	108.7 cm		
Viewable size, vertical	30.6 cm		
Display diagonal (metric)	113 cm		
High Dynamic Range (HDR) supported	✓		

Display		Power	
High Dynamic Range (HDR) technology	DisplayHDR 400	Power consumption (standby) *	0.3 W
DDC/CI	✓	Power consumption (PowerSave)	36.5 W
Haze rate	25%	AC input voltage	100 - 240 V
Surface hardness	2H	AC input frequency	50 - 60 Hz
Colour depth	8 bit	Power supply type	Internal
sRGB coverage (typical)	123%	Operational conditions	
NTSC coverage (typical)	107%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	✓	Storage temperature (T-T)	-20 - 60 °C
Performance		Operating relative humidity (H-H)	20 - 80%
VESA Adaptive Sync support	✓	Operating altitude	0 - 3658 m
Component video sync	Separate sync	Non-operating altitude	0 - 12192 m
Flicker-free technology	✓	Packaging content	
HBR3 support	✓	Stand included	✓
Compatible operating systems	Mac OS X, Windows 11/10/8.1/8	Cables included	HDMI, DisplayPort, USB Type-C, AC
Multimedia		Manual	✓
Built-in speaker(s) *	✓	Bundled software	SmartControl
Built-in camera *	✗	Weight & dimensions	
Number of speakers	2	Width (with stand)	1085 mm
Design		Depth (with stand)	238 mm
Market positioning *	Business	Height (with stand)	515 mm
Product colour *	Black	Weight (with stand)	12.8 kg
Frameless design	✓	Width (without stand)	108.5 mm
Front bezel colour	Black	Depth (without stand)	15.8 cm
Feet colour	Black	Height (without stand)	33.7 cm
Ports & interfaces		Weight (without stand)	9.75 kg
Built-in USB hub *	✓	Packaging data	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package width	1180 mm
USB upstream port type	USB Type-B, USB Type-C	Package depth	535 mm
Number of upstream ports	2	Package height	235 mm
Number of USB Type-B upstream ports quantity	1	Package weight	17.1 kg
Number of USB Type-C upstream ports quantity	1	Sustainability	
USB Type-A downstream ports quantity	4	Sustainability certificates	ENERGY STAR, RoHS, TCO
USB Type-C downstream ports quantity	1	Doesn't contain	Mercury, PVC/BFR
USB Type-C DisplayPort Alternate Mode	✓	Recycling data	
USB Power Delivery	✓	Post-consumer recycled plastic	85%
USB Power Delivery up to	100 W	Other features	
HDMI *	✓	Picture-by-Picture (PbP)	✓
HDMI version	2.0	Exterior finish type	Textured
DisplayPorts quantity	1	Picture enhancement	SmartImage
DisplayPort version	1.4	Recyclable packaging material	100%
Audio output	✓	Regulatory Approvals	
Built-in KVM switch	✓	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eyesafe certified; cETLus	
HDCP	✓	Delta E	2
		Light sensor	✓
		EasyRead mode	✓
		LowBlue mode	✓
		Philips SmartUniformity	93 - 105%
		Mean time between failures (MTBF)	70000 h
		Ethernet LAN data rates	10,100,1000 Mbit/s
		Wake-on-LAN	✓



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