

Philips 6000 series 45B1U6900CH/00 LED display

Artikel	21231697
Herstellernummer	45B1U6900CH/00
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Philips	



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. Pop-up webcam for quick access and strong security.

Zusammenfassung

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. Pop-up webcam for quick access and strong security.

Philips 6000 series 45B1U6900CH/00, 113 cm (44.5"), 5120 x 1440 pixels, UltraWide Dual Quad HD, LED, 4 ms, Black

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

Merkmale

Network

Ethernet LAN	Yes
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Recycling data

Post-consumer recycled plastic	85%
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Sustainability

Sustainability certificates	ENERGY STAR, TCO
Doesn't contain	Mercury, PVC/BFR

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m

Power

Energy efficiency class (SDR)	G
Power consumption (typical)	46.3 W
Power consumption (standby)	0.3 W
Power consumption (PowerSave)	39.4 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Power supply type	Internal
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Performance

VESA Adaptive Sync support	Yes
Component video sync	Separate sync
Flicker-free technology	Yes

Packaging content

Stand included	Yes
Cables included	HDMI, DisplayPort, USB Type-C, AC
Manual	Yes
Bundled software	SmartControl

Packaging data

Package width	1180 mm
Package depth	535 mm
Package height	235 mm
Package weight	17.3 kg

Design

Market positioning	Business
Product colour	Black
Frameless design	Yes
Front bezel colour	Black
Feet colour	Black

Multimedia

Number of speakers	2
Built-in speaker(s)	Yes
Megapixel (approx.)	5 MP
Built-in microphone	Yes
Built-in camera	Yes

Weight & dimensions

Width (with stand)	1085 mm
Depth (with stand)	238 mm
Height (with stand)	515 mm
Weight (with stand)	13 kg
Width (without stand)	1085 mm
Depth (without stand)	158 mm
Height (without stand)	337 mm
Weight (without stand)	9.9 kg

Ergonomics

VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	Yes
Adjustable height (max)	15 cm
Swivelling	Yes
Swivel angle range	-45 - 45°
Tilt adjustment	Yes
Tilt angle range	-5 - 15°
Picture-in-Picture	Yes
On Screen Display (OSD)	Yes
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
Number of OSD languages	21
Plug and Play	Yes
LED indicators	Operation, Stand-by

Other features

HBR3 support	Yes
Compatible operating systems	Mac OS X, Windows 11/10/8.1/8
Picture-by-Picture (PbP)	Yes
Exterior finish type	Textured
Picture enhancement	SmartImage
Recyclable packaging material	100%
Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eyesafe certified; cETLus
Delta E	2
Light sensor	Yes
EasyRead mode	Yes
LowBlue mode	Yes
Philips SmartUniformity	93 - 105%
Compliance certificates	RoHS
Mean time between failures (MTBF)	70000 h
Ethernet LAN data rates	10,100,1000 Mbit/s
Wake-on-LAN	Yes

Ports & interfaces

Built-in USB hub	Yes
USB hub version	3.2 Gen 2 (3.1 Gen 2)
USB upstream port type	USB Type-C
Number of upstream ports	2
USB Type-A downstream ports quantity	4
USB Type-C downstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	Yes
USB Power Delivery (USB PD)	Yes
USB Power Delivery up to	100 W
HDMI	Yes
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	Yes
Microphone in	Yes
Built-in KVM switch	Yes
HDCP	Yes
HDCP version	1.4/2.2
AC (power) in	Yes

Display

Display diagonal	113 cm (44.5")
Display resolution	5120 x 1440 pixels
HD type	UltraWide Dual Quad HD
Native aspect ratio	32:9
Display technology	LED
Panel type	VA
Backlight type	W-LED
Touchscreen	No
Display brightness (typical)	450 cd/m ²
Response time	4 ms
Anti-glare screen	Yes
Screen shape	Curved
Screen curvature rating	1500R
Contrast ratio (typical)	3000:1
Contrast ratio (dynamic)	80000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate	75 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours	16.7 million colours
Pixel pitch	0.2124 x 0.2124 mm
Pixel density	120 ppi
Horizontal scan range	30 - 114 kHz
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	Yes
High Dynamic Range (HDR) technology	DisplayHDR 400
DDC/CI	Yes
Haze rate	25%
Surface hardness	2H
Colour depth	8 bit

sRGB coverage (typical)	123%
NTSC coverage (typical)	107%
Display sRGB	Yes

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.