Philips 3000 series 32B1U3900/00, 80 cm (31.5"), 3840 x 2160 pixels, 4K Ultra HD, LCD, 4 ms, Black

Business Monitor 32B1U3900 4K UHD monitor with USB-C docking



Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	32B1U3900/00
EAN/UPC	8721038001211

Description

This 32 inch monitor showcases beautiful imagery in 4K resolution and a 1.074 billion colour gamut. In addition, its USB-C connection allows you to easily connect peripherals during a busy workday.

Main features

	General
Display diagonal	80 cm (31.5")
Display resolution	3840 x 2160 pixels
HD type	4K Ultra HD
Display technology	LCD
Response time	4 ms
Native aspect ratio	16:9
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Built-in speaker(s)	Yes
Built-in USB hub	Yes
USB hub version	3.2 Gen 1 (3.1 Gen 1)
VESA mounting	Yes
Height adjustment	Yes
Product colour	Black

Extended details

	Display
Display diagonal	80 cm (31.5")
Display resolution	3840 x 2160 pixels
Native aspect ratio	16:9
Display technology	LCD

Touchscreen	No
HD type	4K Ultra HD
Panel type	VA
LED backlight	Yes
Backlight type	W-LED
Display brightness (typical)	350 cd/m²
Response time	4 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	Yes
Screen shape	Flat
Contrast ratio (typical)	3500:1
Contrast ratio (dynamic)	50000000:1
Maximum refresh rate	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours	1.07 billion colours
Pixel pitch	0.18159 x 0.18159 mm
Pixel density	140 ppi
Horizontal scan range	30 - 140 kHz
Vertical scan range	23 - 75 Hz
Viewable size, horizontal	69.7 cm
Viewable size, vertical	39.2 cm
Display diagonal (metric)	80 cm
DDC/CI	Yes
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB, NTSC
sRGB coverage (typical)	122%
NTSC coverage (typical)	106%
Display sRGB	Yes
Display panel size	31.5"/80 cm
	Ports & interfaces
Built-in USB hub	Yes
USB hub version	3.2 Gen 1 (3.1 Gen 1)
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	4

USB Type-C DisplayPort Alternate Mode	Yes
USB Power Delivery (USB PD)	Yes
USB Power Delivery up to	90 W
HDMI	Yes
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	Yes
HDCP	Yes
HDCP version	2.2
	Design
Market positioning	Business
Product colour	Black
Front bezel colour	Black
Feet colour	Black
	Multimedia
Built-in speaker(s)	Yes
Number of speakers	2
RMS rated power	6 W
Built-in camera	No
	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)	18 cm
Pivot	Yes
Pivot angle	-90 - 90°
Swivelling	Yes
Swivel angle range	-180 - 180°
Tilt adjustment	Yes
Tilt angle range	-5 - 25°
Picture-in-Picture	Yes
On Screen Display (OSD)	Yes
On Screen Display (OSD) languages	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional

	Chinese, Turkish, Ukrainian
	Performance
Flicker-free technology	Yes
Low Blue Light technology	Yes
	Other features
Compatible operating systems	Mac OS; Windows 11/10
Picture-by-Picture (PbP)	Yes
Exterior finish type	Textured
Monitor sync input signal	Separate Sync
EasyRead mode	Yes
LowBlue mode	Yes
User controls	SmartImage; Input; Brightness; Menu; Power On/Off
Picture enhancement	SmartImage
MultiView	PIP/PBP mode; 2 x devices
Regulatory Approvals	CB; CE Mark; TUV/GS; TUV Ergo; EAC; EAEU RoHS; MEPS; UKCA; EMF; FCC; ICES-003
	Packaging content
Stand included	Yes
Manual	Yes
Bundled software	SmartControl
	Weight & dimensions
Width (with stand)	714 mm
Depth (with stand)	280 mm
Height (with stand)	631 mm
Weight (with stand)	11.5 kg
Width (without stand)	714 mm
Depth (without stand)	62 mm
Height (without stand)	422 mm
Weight (without stand)	7.56 kg
	Packaging data
Package width	930 mm
Package depth	186 mm
Package height	563 mm
Package weight	16.2 kg
	Power
Energy efficiency class (SDR)	F
Power consumption (typical)	34.8 W
Power consumption (standby)	0.3 W
Power consumption (off)	0.3 W

Power consumption (PowerSave)	20.4 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
	Network
Ethernet LAN	Yes
	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
	Sustainability
Doesn't contain	Lead, Mercury, PVC/BFR
	Recycling data
Packaging recyclability rate	100%
Product post-consumer recycled plastic	85%