PHILIPS

Philips 3000 series 24B2N3200JH/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips

Product family: 3000 series

Product code: 24B2N3200JH/00

Product name : 24B2N3200JH/00



Business Monitor 24B2N3200JH LCD monitor

Philips 3000 series 24B2N3200JH/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black:



Speed through daily tasks in comfort with this monitor's SoftBlue technology and 120Hz refresh rate. Productivity-enhancing features like adjustable webcam with Windows Hello deliver the performance and convenience you expect.
Philips 3000 series 24B2N3200JH/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full 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). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display	
Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	350 cd/m²
Response time *	4 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	1500:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	120 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.2745 x 0.2745 mm
Pixel density	93 ppi
Horizontal scan range	30 - 85 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	52.7 cm
Viewable size, vertical	29.6 cm
Digital horizontal frequency	30 - 140 kHz

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	15 cm
Pivot	✔
Pivot angle	-90 - 90°
Swivelling	✔
Swivel angle range	-180 - 180°
Tilt adjustment	✔
Tilt angle range	-5 - 30°
On Screen Display (OSD)	✔
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
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by

Power	
Energy efficiency class (SDR) *	C
Energy efficiency class (HDR) *	Not available
Energy consumption (SDR) per 1000 hours *	11 kWh
Power consumption (typical) *	13.09 W

Display	
Digital vertical frequency	48 - 120 Hz
Sync-on-green (SOG)	✔
Display diagonal (metric)	60.47 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour depth	8 bit
Colour gamut standard	sRGB, NTSC
sRGB coverage (typical)	110%
NTSC coverage (typical)	96%
Display sRGB	✔
Display panel size	23.8 inch / 60.47 cm

Performance	
NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
VESA Adaptive Sync support	✔
Component video sync	Separate Sync, Sync-on-green (SOG)
Flicker-free technology	✔

Multimedia	
Number of speakers	2
RMS rated power	10 W
Built-in speaker(s) *	✔
Megapixel (approx.)	5 MP
Built-in microphone	✔
Built-in camera *	✔

Design	
Market positioning *	Business
Product colour *	Black
Front bezel colour	Black
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B
Number of USB Type-B upstream ports quantity	1
USB Type-A downstream ports quantity	4
VGA (D-Sub) ports quantity	1
HDMI *	✔
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.2
Audio input	✔
Audio output	✔
HDCP	✔
HDCP version	1.4

Power	
Power consumption (standby) *	0.3 W
Power consumption (off)	0.3 W
Power consumption (PowerSave)	7.6 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Energy efficiency scale	A to G

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

Weight & dimensions	
Width (with stand)	542 mm
Depth (with stand)	228 mm
Height (with stand)	449 mm
Weight (with stand)	5.59 kg
Width (without stand)	542 mm
Depth (without stand)	48 mm
Height (without stand)	320 mm
Weight (without stand)	3.93 kg

Packaging data	
Package width	615 mm
Package depth	139 mm
Package height	420 mm
Package weight	7.73 kg

Packaging content	
Stand included	✔
Cables included	AC, DisplayPort, HDMI
Manual	✔
Bundled software	SmartControl*

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

Other features	
Compatible operating systems	DDC CI, Mac OS, sRGB, Windows 11 / 10
Exterior finish type	Textured
Monitor sync input signal	Separate Sync, Sync on Green
User controls	SmartImage, Input, Brightness, Menu, Power On/Off
Picture enhancement	SmartImage
Regulatory Approvals	CB, CE Mark, TUV/GS, TUV Ergo, TCO Certified, EAC, EAC ROHS, MEPS, UKCA, EMF, FCC, ICES-003, TÜV Rheinland Low Blue Light (Hardware Solution), eyesafe® CERTIFIED 2.0
SoftBlue	✔
Adaptive synchronisation	✔
EasyRead mode	✔
Compliance certificates	RoHS
Mean time between failures (MTBF)	70000 h

Recycling data	
Packaging recyclability rate	100%
Product post-consumer recycled plastic	85%

8721038006438

Catalog Object Cloud

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

Publication date: 17-NOV-2026. Prints or copies of Information are only valid on the printed Publication date