

Article-No.: 133743

Monitor 24" Philips 240B9

B-Line

LCD monitor with PowerSensor - Clear vision, beyond boundaries

Expand beyond boundaries with this 16:10 frameless design Philips B Line monitor. Loaded with features to improve productivity and sustainability, this monitor takes it to the next level.

Technical data

Monitors (Business)

manufacturer	Philips
Picture/Display	
LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	24,1" / 61,1 cm
Curved	no
Aspect ratio	16:10
Max. resolution	1.920 x 1.200 @ 75 Hz
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Pixel Density	94 PPI
Effective viewing area	518,4 (H) x 324 (V)
Pixel pitch	0,270 x 0,270 mm
Response time (typical)	4 ms (Grey to Grey)
Brightness	300 cd/m²
Contrast ratio (typical)	1.000:1
SmartContrast	50.000.000:1
Viewing angle	178° (H)/178° (V) @ C/R > 10
Picture enhancement	SmartImage
Display colours	16,7 M
Colour gamut (typical)	NTSC: 93 %, sRGB: 109 %
Scanning Frequency	30 - 96 kHz (H) / 48 - 76 Hz (V)
sRGB	yes
Flicker-free	yes
Blue-Light-Technology	yes (LowBlue Mode)
EasyRead	yes
Connectivity	
Signal Input	HDMI 1.4, DisplayPort 1.2, DVI-D, VGA
HDCP	HDCP 1.4 (HDMI/DP)
Audio (In/Out)	PC audio-in, Headphone out
Sync Input	Separate Sync, Sync on Green
Daisy Chain	no

USB



Highlights

- B Line
- 24.1"/61.1 cm diag.
- 1920 x 1200 (WUXGA)
- IPS technology for full colours and wide viewing angles
- SmartErgoBase enables user-friendly ergonomic adjustments
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- HDMI ensures universal digital connectivity
- PowerSensor saves up to 80% energy costs
- EasyRead mode for a paper-like reading experience



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USB Ports	USB 3.2 (upstream), USB 3.2 (downstream with 1 fast charge B.C 1.2)
Convenience	
Built-in Speakers	2 W x 2
User convenience	SmartImage, Input, PowerSensor, Menu, Power On/Off
Control software	SmartControl
Kensington lock	yes
VESA	100 x 100 mm
Remark (VESA)	VESA occupied by stand
Plug and Play Compatibility	DDC/CI, Mac OS X, sRGB, Windows 10/8.1/8/7
Stand	
Height adjustment	150 mm
Pivot	-/+ 90°
Swivel	-/+ 175°
Tilt	-5 ~ 30°
Power	
ECO mode	10,0 W
On mode	12,3 W (EnergyStar test method)
Standby mode	0,3 W
Off mode	Zero watts with Zero switch
Energy Label Class	D
Power LED indicator	Standby mode - White (flashing)
Power supply	internal, 100-240 V AC, 50-60 Hz
Dimensions	
Product with stand (max height)	533 x 545 x 216 mm
Product without stand	533 x 360 x 60 mm
Packaging	600 x 526 x 141 mm
Weight	
Product with stand	7,6 kg
Product without stand	4,1 kg
Product with packaging	8,4 kg
Operating conditions	
Temperature range (operation)	0 - 40 °C
Temperature range (storage)	-20 - 60 °C
Relative humidity	20 - 80 %%
Altitude	Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)



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MTBF (demonstrated)	70,000 hrs (excluding backlight)
Sustainability	
PowerSensor	yes
Environmental and energy	EnergyStar 8.0
	RoHS
	EPEAT
	TCO Certified Edge
Specific Substances	
Specific Substances	PVC/BFR free housing
	Mercury free
	Lead free
Recyclable packaging material	100%
Compliance and standards	
TUV	TÜV/GS, TÜV Ergo
CE Mark	yes
Cabinet	
Colour	black
Package Contents	
Monitor with stand	yes
Cables	HDMI, DP, D-Sub, Audio, power cord
User Documentation	yes
Warranty	
Warranty	3 years on-site exchange service (handled by Philips)