

Article-No.: 128679

# Monitor 24" Philips 243B1

## B-Line

Simplify your connections with USB-C docking monitor

The Philips USB-C monitor replaces cable clutter. View FHD image and recharge a laptop, all at the same time with a single USB-C cable. Features like Daisy chain for multi-display setup, Eye comfort with TUV certified to reduce eye fatigue.

### Technical data

#### Monitors (Business)

manufacturer	Philips
Picture/Display	
LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	23,8" / 60,5 cm
Aspect ratio	16:9
Max. resolution	1.920 x 1.080 @ 75 Hz
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	527,1 (H) x 296,5 (V)
Pixel Density	93 PPI
Pixel pitch	0,275 x 0,275 mm
Response time (typical)	4 ms (Grey to Grey)
Brightness	250 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: 91 %, sRGB: 107 %
Scanning Frequency	30 - 85 kHz (H) / 48 - 75 Hz (V)
sRGB	yes
Flicker-free	yes
Blue-Light-Technology	yes (LowBlue Mode)
EasyRead	yes
Adaptive sync	yes
Connectivity	
Signal Input	HDMI 1.4, DisplayPort 1.2, DisplayPort Out
HDCP	HDCP 1.4 (HDMI/DP/USB-C)
HBR3	yes
Audio (In/Out)	PC audio-in, Headphone out
RJ45	Ethernet-LAN up to 1G, Wake On LAN
Sync Input	Separate Sync



### Highlights

- B Line
- 24 (23.8"/60.5 cm diag.)
- 1920 x 1080 (Full HD)
- Connect your notebook with one USB-C cable
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity



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Daisy Chain	yes
USB	
USB-C	USB-C 3.2 Gen 1 (Upstream), 4 x USB 3.2 (Downstream with 1 x fast charge-BC 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	-/+ 180°
Tilt	-5 ~ 35°
Power	
ECO mode	14,6 W
On mode	15,2 W (EnergyStar test method)
Standby mode	< 0,5 W
Off mode	Zero watts with Zero switch
Energy Label Class	A
Power LED indicator	Operation - White, Standby mode - White (flashing)
Power supply	internal, 100-240 V AC, 50-60 Hz
Dimensions	
Product with stand (max height)	540 x 501 x 205 mm
Product without stand	540 x 323 x 51 mm
Packaging	600 x 465 x 198 mm
Weight	
Product with stand	5,0 kg
Product without stand	3,4 kg
Product with packaging	7,1 kg
Operating conditions	
Temperature range (operation)	0 - 40 °C
Temperature range	-20 - 60 °C



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(storage)	
Relative humidity	20 - 80 %%
Altitude	Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF (demonstrated)	70,000 hrs (excluding backlight)
Sustainability	
PowerSensor	yes
LightSensor	yes
Environmental and energy	EnergyStar 8.0 RoHS EPEAT TCO Certified Edge WEEE
Specific Substances	PVC/BFR free housing Mercury free Lead free
Recyclable packaging material	100%
Compliance and standards	
TUV	TUV/GS, TUV Ergo, TUV Eye Comfort certified
CE Mark	yes
Cabinet	
Colour	black
Package Contents	
Monitor with stand	yes
Cables	HDMI, DP, USB-C to C/A Y-cable, power cord
User Documentation	yes
Warranty	
Warranty	3 years on-site exchange service (handled by Philips)