LCD monitor with USB-C

- B Line
- 27" (68.6 cm)
- 1920 x 1080 (Full HD)

273B9/89

Simplify your connections

with USB-C docking monitor

The Philips B line monitor with USB-C docking replaces cable clutter. View Full HD image and re-charge your laptop, all at the same time with a single USB-C cable. SmartErgo base, Flicker-free and LowBlue mode make work easy-on-the-eyes.

Benefits

Single cable USB-C connection
- Connect your notebook with one USB-C cable
- Power and re-charge compatible notebook from the monitor
- USB 3.2 high speed data transfer

Excellent performance
- IPS technology for full colors and wide viewing angles

Designed for the way you work
- SmartErgoBase enables people-friendly ergonomic adjustments

- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- HDMI ensures universal digital connectivity

Designed for sustainability
- PowerSensor saves up to 70% energy costs
- Designed to meet environmental standards

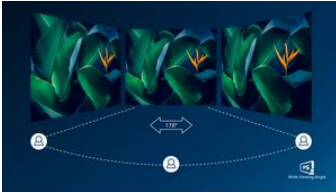**PHILIPS**

Features

USB-C connection

This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high resolution video and transfer data at a super-speed, while powering up and re-charging your compatible device at the same time.

Power & re-charge notebook

This monitor features a built in USB-C connector which meets USB Power Delivery standard. With intelligent and flexible power management, you can now power up and or re-charge your compatible* Notebook directly from the Monitor using a single USB-C cable.

IPS technology

IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

Flicker-free technology

Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

LowBlue Mode

Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

HDMI Ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

PowerSensor

PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 70 percent and prolonging monitor life.

Specifications

Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	27 inch / 68.6 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	597.888 (H) x 336.312 (V)
Aspect ratio	16:9
Maximum resolution	1920 x 1080 @ 75 Hz*
Pixel Density	82 PPI
Response time (typical)	4 ms (Gray to Gray)*
Brightness	250 cd/m²
Contrast ratio (typical)	1000:1
SmartContrast	50,000,000:1
Pixel pitch	0.3114 x 0.3114 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Picture enhancement	SmartImage
Display colors	16.7M
Color gamut (typical)	NTSC 76%*, sRGB 98%*
Scanning Frequency	30 - 85 kHz (H) / 48 - 75 Hz (V)
sRGB	Yes
Flicker-free	Yes
LowBlue Mode	Yes
EasyRead	Yes
Adaptive sync	Yes

Connectivity

Signal Input	VGA (Analog), DisplayPort 1.2 x 1, HDMI 1.4 x 1, USB-C 3.2 Gen 1 x 1 (upstream, power delivery up to 65W)
HDCP	HDCP 1.4 (DP/HDMI/USB-C)
USB:	USB-C 3.2 Gen 1 x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
Audio (In/Out)	PC audio-in Headphone out
Sync Input	Separate Sync Sync on Green

USB

USB-C	Reversible plug connector
Super speed	Data and Video transfer
DP	Built-in DisplayPort Alt mode
Power delivery	USB PD version 3.0
USB-C max. power delivery	Up to 65W (5V/3A; 9V/3A; 10V/3A; 12V/3A; 15V/3A; 20V/3.25A)

Convenience

Built-in Speakers	2 W x 2
User convenience	SmartImage Input PowerSensor Menu Power On/Off
Control software	SmartControl
OSD Languages	Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian Japanese Korean Polish Portuguese Russian Simplified Chinese Spanish Swedish Traditional Chinese Turkish Ukrainian

Other convenience	Kensington lock VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7

Stand

Height adjustment	150 mm
Pivot	-/+ 90 degree
Swivel	-/+ 175 degree
Tilt	-5 ~ 30 degree

Power

ECO mode	13.5 W (typ.)
On mode	16.5 W (typ.) (EnergyStar 8.0 test method)
Standby mode	< 0.5 W (typ.)
Off mode	Zero watts with Zero switch
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

Dimensions

Product with stand(max height)	614 x 558 x 224 mm
Product without stand (mm)	614 x 372 x 61 mm
Packaging in mm (WxHxD)	690 x 462 x 250 mm

Weight

Product with stand (kg)	7.03 kg
Product without stand (kg)	4.59 kg
Product with packaging (kg)	9.30 kg

Operating conditions

Temperature range (operation)	0°C to 40°C °C
Temperature range (storage)	-20°C to 60°C °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF (demonstrated)	70,000 hrs (excluded backlight)

Sustainability

Environmental and energy	PowerSensor EnergyStar 8.0 EPEAT* TCO Certified Edge WEEE RoHS
Recyclable packaging material	100 %
Post consumer recycled plastic	85%
Specific Substances	PVC / BFR free housing Mercury free

Compliance and standards

Regulatory Approvals
CE Mark
FCC Class B
SEMKO
CU-EAC
TUV/GS
TUV Ergo
UKRAINIAN
ICES-003
PSE
MEPS
RCM

VCCI
PSB
CB

Cabinet

Front bezel   Black
Rear cover   Black
Foot   Black
Finish   Texture

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* The maximum resolution works for either USB-C, DP or HDMI input.
* Response time value equal to SmartResponse
* NTSC Area based on CIE1976
* sRGB Area based on CIE1931
* Activities such as screen sharing, on-line streaming video and audio over the Internet can impact your network performance. Your hardware, network bandwidth and its performance will determine overall audio and video quality.
* For USB-C power and charging function, your Notebook/device must support USB-C standard Power Delivery specifications. Please check with your Notebook user manual or manufacturer for more details.
* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode
* EPEAT rating is valid only where Philips registers the product. Please visit https://www.epeat.net/ for registration status in your country.
* The monitor may look different from feature images.

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