



LCD monitor with USB-C Dock

- B Line
- 25" (63.4 cm)
- 2560 x 1440 (QHD)

258B6QUEB/56

Simplify your connections

with revolutionary USB-C

Simple USB-C connection and crystal-clear IPS images. The Philips B line monitor with USB-C connector allows simple notebook docking via one cable for fast data and video to a crystal-clear QHD IPS display, and even notebook charging.

Benefits

Designed for people

- All your connections through one USB-C cable
- Narrow border display for seamless appearance
- SmartErgoBase enables people-friendly ergonomic adjustments

Excellent performance

- Crystalclear images with Quad HD 2560 x 1440 pixels
- IPS technology for full colors and wide viewing angles

Easy to experience

- Less eye fatigue with Flicker-free technology
- SmartImage presets for easy optimized image settings
- Built-in stereo speakers for multimedia

PHILIPS

Features

USB-C Docking



The new USB 3.1 Type-C cable with a slim and reversible connector, offers easy one-cable-docking. With USB 3.1 you get the fastest speeds, 20 times as fast as USB 2.0, allowing you to transfer a 4K movie in less than 60 seconds. Simplify by connecting all your peripherals to your monitor as a dock with one cable to the notebook, including high resolution video output from your PC to monitor. Additionally, USB-C even allows you to power and charge your notebook from the monitor eliminating the need for extra power cables. All your connections through one simple cable.

UltraNarrow Border



The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.

Crystalclear images



These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like Displayport, HDMI, Dual link DVI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a

financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

IPS technology



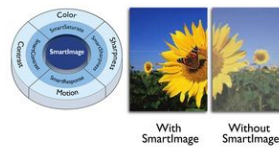
IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal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

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.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

Built-in stereo speakers



A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

Specifications

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Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	25 inch / 63.4 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	552.96 (H) x 311.04 (V)
Aspect ratio	16:9
Optimum resolution	2560 x 1440 @ 60Hz
Response time (typical)	5 ms (Gray to Gray)*
Brightness	350 cd/m ²
Contrast ratio (typical)	1,000:1
SmartContrast	20,000,000 :1
Pixel pitch	0.216 x 0.216 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Picture enhancement	SmartImage
Color gamut (typical)	NTSC 90%*, sRGB 109%*
Display colors	16.7 M (True 8 bit)
Scanning Frequency	30 - 83 kHz (H) / 56 - 76 Hz (V)
sRGB	Yes

Connectivity

Signal Input	VGA (Analog), DVI-Dual Link (digital), HDCP), DisplayPort 1.2 x 1, HDMI 1.4 x 1, USB-C 3.1 Gen 1 x 1 (upstream, power delivery up to 60 W), USB 3.1 x 3 (downstream, 1 w/ fast charging)
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out
RJ45	Ethernet LAN up to 1G*

USB

USB-C	Reversible plug connector
Super speed	Data and Video transfer
DP	Built-in Display Port Alt mode
Power delivery	USB PD version 1.0
USB-C max. power delivery	Upto 60 watts (5V/3A; 8V/3A; 12V/3A; 20V/3A)

Convenience

Built-in Speakers	2 W x 2
User convenience	SmartImage Volume Input 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	130 mm
Pivot	90 degree
Swivel	-65/65 degree
Tilt	-5/20 degree

Power

ECO mode	< 18.9 W (typ.)
On mode	< 23 W (typ.) (EnergyStar 7.0 test method)
Standby mode	< 0.5 W (typ.)
Off mode	< 0.3 W (typ.)
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	External 100-240VAC, 50-60Hz

Dimensions

Product with stand(max height)	571 x 511 x 244 mm
Product without stand (mm)	571 x 344 x 55 mm
Packaging in mm (WxHxD)	625 x 421 x 290 mm

Weight

Product with stand (kg)	7.00 kg
Product without stand (kg)	4.66 kg
Product with packaging (kg)	10.20 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 (excluded backlight)

Sustainability

Environmental and energy	EnergyStar 7.0 EPEAT* TCO Certified Edge RoHS WEEE
Recyclable packaging material	100 %
Post consumer recycled plastic	65%
Specific Substances	PVC / BFR free housing Mercury free

Compliance and standards

Regulatory Approvals	CE Mark FCC Class B VCCI SEMKO cETLus CU-EAC CECP
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	TUV Ergo TUV/GS	Rear cover Foot Finish	Black Black Texture
Cabinet			
Front bezel	Black		

- * "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
- * Response time value equal to SmartResponse
- * NTSC Area based on CIE1976
- * sRGB Area based on CIE1931
- * For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode
- * 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.
- * If your Ethernet connection seems slow, please enter OSD menu and select USB 3.0 or higher version which can support the LAN speed to 1G.
- * EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.
- * The notebook, keyboard, mouse as shown are for illustration purpose only, not included in the product.
- * The monitor may look different from feature images.



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