PHILIPS

Simplify your connections with USB-C

This Philips USB-C monitor offers clutter-free setup. With a single cable you can view video, and charge your laptop. Elegant ergonomic base provides excellent cable management. Elevate your viewing experience for work and play.

Features designed for you
- EasySelect menu toggle key for quick on-screen menu access
- EasyRead mode for a paper-like reading experience
- Cable management reduces cable clutter for neat workspace
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Tilt, pivot and height-adjust for an ideal viewing position

Single cable USB-C connection
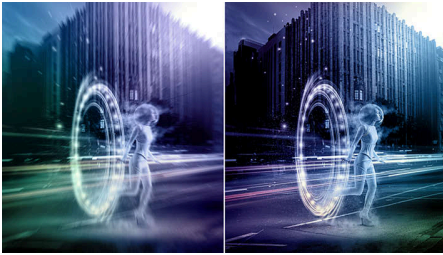- Magnify screen and recharge a device by one cable

Superb Picture Quality
- SmartContrast for rich black details
- IPS LED wide view technology for image and color accuracy
- Crystalclear images with Quad HD 2560 x 1440 pixels
- SmartImage game mode optimized for gamers
- 1ms (MPRT) fast response for crisp image and smooth gameplay
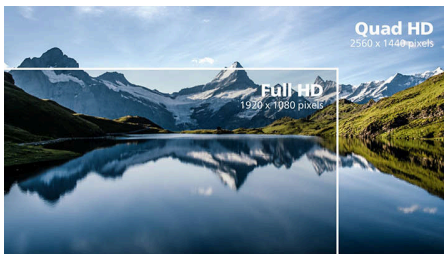
Highlights

USB-C connectivity

This Philips monitor features a built-in USB-C connector which meets USB Power Delivery standard. With intelligent and flexible power management, you can power charge your compatible device directly from the monitor using a single USB-C cable. Its slim, reversible USB-C allows for easy connection, you can watch high resolution video from your laptop.

1ms MPRT fast response

MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers shaper and precise visuals to enhance gaming experience. Best choice for playing thrilling and twitch-sensitive games.

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, 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.
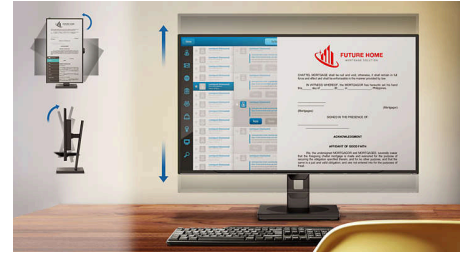
SmartImage Game mode

The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.
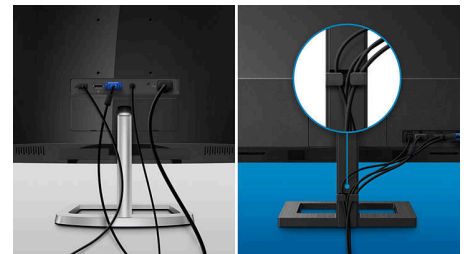
LowBlue Mode & Flicker-free

Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.
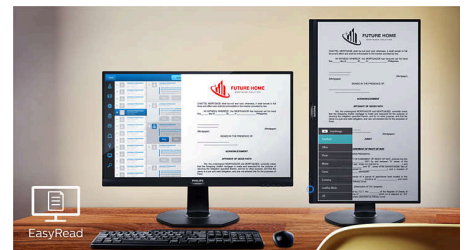
Compact Ergo Base

The Compact Ergo Base is a people-friendly Philips monitor base that tilts, pivot and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

Cable management

Cable management is an intimate design that maintains tidy workspace by organizing cables and wires required for the operation of a display device.

EasyRead mode

EasyRead mode for a paper-like reading experience

Fast Response
1ms MPRT

Quad HD

SmartImage™ Game

LowBlue Mode

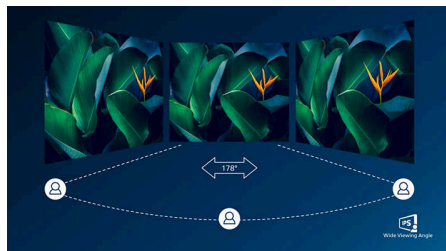CompactErgo Base

EasyRead

EasySelect

Wide Viewing Angle

Highlights

EasySelect Menu Toggle Key

The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

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. 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.

SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

Fast Response 1ms MPRT   Quad HD   SmartImage™ Game   LowBlue Mode   CompactErgo Base   EasyRead

Monitor

USB-C monitor

24E1N5600E/69

Specifications

Picture/Display

Panel Size: 23.8 inch / 60.5 cm
Aspect ratio: 16:9
LCD panel type: IPS technology
Backlight type: W-LED system
Pixel pitch: 0.2058 x 0.2058 mm
Brightness: 300 cd/m²
Display colors: 16.7 M
Color gamut (typical): NTSC 99.21%*, sRGB 113.88%*
Contrast ratio (typical): 1000:1
SmartContrast: 80,000,000:1
Response time (typical): 4 ms (Gray to Gray)*
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Picture enhancement: SmartImage game
Maximum resolution: 2560 x 1440 @ 75 Hz*
Effective viewing area: 526.848 (H) x 296.352 (V)
Scanning Frequency: 30 - 114 kHz (H) / 48 - 75 Hz (V)
sRGB
Flicker-free
Pixel Density: 123.41 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
MPRT: 1 ms
EasyRead
Adaptive sync

Connectivity

Signal Input: HDMI 1.4 x 1, DisplayPort 1.2 x 1, USB-C 3.2 Gen 1 x 1 (upstream, Power Delivery up to 65W)
Sync Input: Separate Sync
Audio (In/Out): Audio out
HDCP: HDCP 1.4 (HDMI / DisplayPort / USB-C)

USB

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

Convenience

Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
User convenience: Power On/Off, Menu, Brightness, Input, SmartImage Game
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)

Stand

Height adjustment: 130 mm
Pivot: -/+ 90 degree
Tilt: -5/20 degree

Power

Power supply: External, 100-240VAC, 50-60Hz
Off mode: 0.3 W (typ.)
On mode: 22.8 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 600 x 526 x 143 mm
Product without stand (mm): 540 x 321 x 43 mm
Product with stand(max height): 540 x 472 x 198 mm

Weight

Product with packaging (kg): 7.60 kg
Product with stand (kg): 4.32 kg
Product without stand (kg): 2.70 kg

Operating conditions

Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
Temperature range (operation): 0 to 40 °C
MTBF: 50,000 hrs (excluding backlight) hour(s)
Relative humidity: 20%-80 %
Temperature range (storage): -20 to 60 °C

Sustainability

Environmental and energy: RoHS
Recyclable packaging material: 100 %
Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

Regulatory Approvals: CB, CE Mark, FCC Class B, ICES-003, PSE, VCCI

Cabinet

Color: Black
Finish: Textured

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* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* The maximum resolution works for either HDMI input or DP input.
* For best output performance, please always ensure that your graphic card is capable of achieving the maximum resolution and refresh rate of this Philips display.
* Response time value equal to SmartResponse
* MPRT is to adjust brightness for blur reduction, so cannot adjust brightness while MPRT is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.
* MPRT is gaming-optimized mode. Turn on MPRT may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function.
* NTSC Area based on CIE1976
* sRGB Area based on CIE1931
* 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
* The monitor may look different from feature images.

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