PHILIPS

LCD monitor with USB-C docking

Monitor

S Line

24 (23.8" / 60.5 cm diag.)

1920 x 1080 (Full HD)

243S1

Simplify your connections
with USB-C docking monitor

The Philips USB-C monitor replaces cable clutter. View FHD image and re-charge 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

Designed for the way you work
- Built-in stereo speakers for multimedia
- SmartErgoBase enables people-friendly ergonomic adjustments
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- EasyRead mode for a paper-like reading experience
- TUV Eye Comfort certified to reduce eye fatigue

Single cable USB-C connection
- Built in RJ-45 ethernet gives data security
- USB-C enables laptop power charging directly from a monitor

Great performance
- IPS LED wide view technology for image and color accuracy
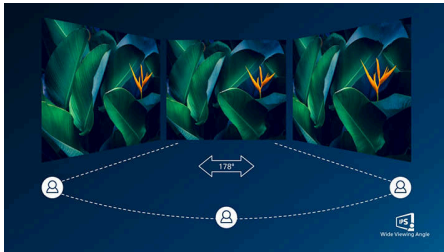- 16:9 Full HD display for crisp detailed images

Highlights

USB Type-C connection

This Philips display features a built-in USB type-C docking station with power delivery. With intelligent and flexible power management, you can power charge your compatible* laptop directly. Its slim, reversible USB-C connector allows for easy, one-cable docking. Simplify by connecting all your peripherals like keyboard, mouse and your RJ-45 Ethernet cable to the monitor's docking station. You can watch high resolution video and transfer data at a super-speed, while powering up and re-charging your notebook at the same time.

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.

TUV Rheinland Eye Comfort

Philips display meet TUV Rheinland Eye Comfort standard to prevent eye strain caused by prolonged computer use. With TUV Eye Comfort certification, Philips displays ensure flicker-free, low blue mode, no disturbing reflections, wide viewing angle and less reduction of image quality from different angles and ergonomic stand designs for ideal viewing experience. Keep your eyes healthy and boost work productivity.

Flicker-free technology

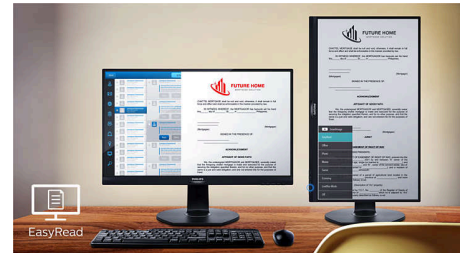Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

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.

EasyRead mode

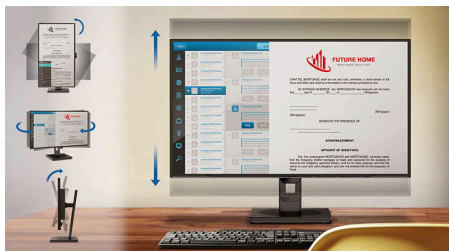EasyRead mode for a paper-like reading experience

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IPS Wide Viewing Angle — TÜV Rheinland CERTIFIED Eye Comfort www.tuv.com — Flicker-free — LowBlue Mode — EasyRead — SmartErgo Base — Built-in Speaker — Full HD 1080p

Highlights

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 guarante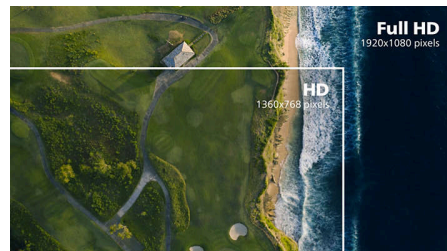es the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

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.

16:9 Full HD display

Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

IPS
Wide Viewing Angle

TÜVRheinland CERTIFIED — Eye Comfort — www.tuv.com

Flicker-free

LowBlue Mode

EasyRead

SmartErgo Base

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: 0.2745 x 0.2745 mm
Brightness: 250 cd/m²
Display colors: 16.7M
Color gamut (typical): NTSC 91%*, sRGB 107%*
Contrast ratio (typical): 1000:1
SmartContrast: 50,000,000:1
Response time (typical): 4 ms (Gray to Gray)*
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 1920 x 1080 @ 100 Hz*
Effective viewing area: 527.04 (H) x 296.46 (V)
Scanning Frequency: 30k - 115 kHz (H) / 48 - 100 Hz (V)
sRGB
Flicker-free
Pixel Density: 93 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
EasyRead

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
RJ45: Ethernet LAN up to 1G*, Wake on LAN
Signal Output: DisplayPort out
USB:: USB-C 3.2 Gen 1 x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
HDCP: HDCP 1.4 (HDMI/DP/USB-C)

USB

Power delivery: USB PD version 3.0
Super speed: Data and 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

Built-in Speakers: 2 W x 2
Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
User convenience: SmartImage, Input, Brightness, Menu, Power On/Off

OSD Languages

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)
Control software: SmartControl

Stand

Height adjustment: 130 mm
Pivot: -/+ 90 degree
Swivel: -/+ 180 degree
Tilt: -5 ~ 25 degree

Power

ECO mode: 12.9 W (typ.)
Power supply: Built-in, 100-240VAC, 50-60Hz
Off mode: 0.3 W (typ.)
On mode: 14 W (typ.) (EnergyStar test method)
Standby mode: 0.3 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 625 x 435 x 180 mm
Product without stand (mm): 540 x 323 x 51 mm
Product with stand(max height): 540 x 482 x 205 mm

Weight

Product with packaging (kg): 8.46 kg
Product with stand (kg): 5.28 kg
Product without stand (kg): 3.42 kg

Operating conditions

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

Sustainability

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

Compliance and standards

Regulatory Approvals: CB, FCC Class B, ICES-003, CE Mark, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, TUV Eye Comfort certified, PSB

Cabinet

Finish: Texture
Foot: Black
Front bezel: Black
Rear cover: Black

* "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.
* Response time value equal to SmartResponse
* 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
* 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 monitor may look different from feature images.