PHILIPS

Simplify your connections
with USB-C docking monitor

This Philips QHD monitor with USB-C docking replaces cable clutter. View QHD images, secure connect to intranet, re-charge your notebook. All at the same time with a single USB-C cable.

Brilliant performance
- IPS technology for full colors and wide viewing angles
- Narrow border display for a seamless appearance
- Ultra Wide-Color wider range of colors for a vivid picture
- LowBlue Mode for easy on-the-eyes productivity

Single cable USB-C connection
- Built in RJ-45 ethernet gives data security
- Built in USB-C docking station
- Connect your notebook with one USB-C cable
- Power and re-charge compatible notebook from the monitor
- USB 3.2 high speed data transfer
- View Crystalclear QHD 2560x1440 images

Sustainable Eco-design
- PowerSensor saves up to 70% energy costs

Highlights

Built in USB-C docking station

This Philips display features a built-in USB type-C docking station with power delivery. 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. Simply connect your notebook and this monitor with a single USB-C cable to watch high-resolution video and transfer super-speed data, while powering up and re-charging your notebook 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.
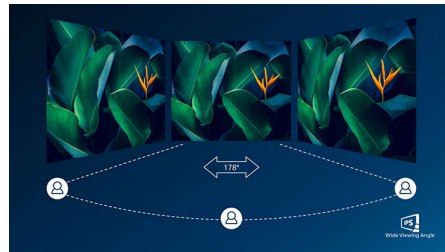
Crystalclear QHD images

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 USB-C, 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.
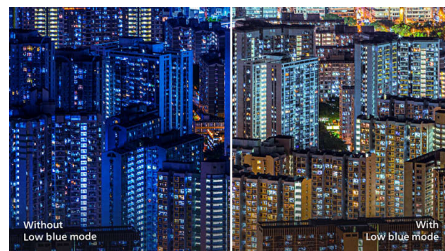
Ultra Wide-Color Technology

Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

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.
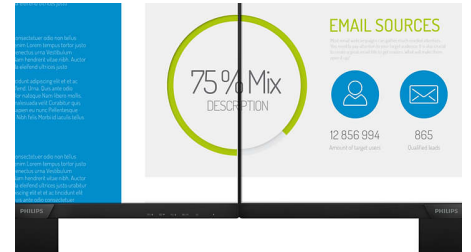
LowBlue Mode

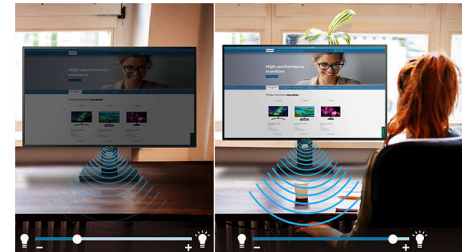Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

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.

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.

USB-C Docking   Ultra Wide Color   Wide Viewing Angle   LowBlue Mode   Ultra Narrow Bezel   PowerSensor   Ethernet   Flicker-free

Business Monitor

LCD monitor with USB-C docking

Specifications

Picture/Display

Panel Size: 27 inch / 68.5 cm
Aspect ratio: 16:9
LCD panel type: IPS technology
Backlight type: W-LED system
Pixel pitch: 0.233 x 0.233 mm
Brightness: 350 cd/m²
Display colors: 16.7 M
Color gamut (typical): NTSC 114%*, sRGB 132%*
Contrast ratio (typical): 1000:1
SmartContrast: 50,000,000:1
Response time (typical): 5 ms (Gray to Gray)*
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 2560 x 1440 @ 75 Hz*
Effective viewing area: 596.7 (H) x 335.7 (V)
Scanning Frequency: 30 - 99 kHz (H) / 50 - 76 Hz (V)
sRGB
Flicker-free
Pixel Density: 109 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
EasyRead

Connectivity

Signal Input: DisplayPort 1.2 x 1, HDMI 1.4 x 1
Sync Input: Separate Sync, Sync on Green
Audio (In/Out): Headphone out
RJ45: Ethernet LAN up to 1G*
Signal Output: DisplayPort out x 1
USB:: USB-C 3.2 x 1 (upstream), USB 3.2 x 3 (downstream, w/fast charging)*

USB

Power delivery: USB PD version 2.0
Super speed: Data and Video transfer
DP: Built-in Display Port Alt mode
USB-C max. power delivery: Upto 65 watts (5V/3A; 7V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A)
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, PowerSensor, Menu, Power On/Off
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: 150 mm
Pivot: 90 degree
Swivel: -175/175 degree
Tilt: -5/30 degree

Power

ECO mode: 19.7 W (typ.)
Power supply: Built-in, 100-240VAC, 50-60Hz
Off mode: Zero watts with Zero switch
On mode: 19.02 W (typ.) (EnergyStar test method)
Standby mode: < 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 690 x 458 x 252 mm
Product without stand (mm): 614 x 372 x 56 mm
Product with stand(max height): 614 x 548 x 257 mm

Weight

Product with packaging (kg): 10.16 kg
Product with stand (kg): 7.38 kg
Product without stand (kg): 4.95 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: PowerSensor, EnergyStar 8.0, EPEAT*, TCO Certified Edge, RoHS, WEEE
Post consumer recycled plastic: 85%
Recyclable packaging material: 100 %
Specific Substances: PVC / BFR free housing, Mercury free

Compliance and standards

Regulatory Approvals: CE Mark, FCC Class B, cETLus, CU-EAC, TUV Ergo, TUV/GS, EPA, UKRAINIAN, ICES-003, CCC, CECP, PSB, CEL, CB

Cabinet

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

* 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.
* "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
* 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.

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