PHILIPS

LCD monitor with USB-C docking

Brilliance

P Line

32 (31.5"/80 cm diag.)

2560 x 1440 (QHD)

326P1H

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Master every task in a crisp view

The Philips USB-C docking display for a comprehensive solution. View QHD and re-charge a laptop up to 90 W, all at the same time with a single USB-C cable. Pop-up webcam with Windows Hello and daisy-chaining deliver performance and convenience

Single cable USB-C connection

- Built-in RJ-45 Ethernet gives data security
- USB-C enables laptop power charging directly from a monitor

Designed for the way you work

- Secure sign-in with pop-up webcam
- DisplayPort-out for connecting additional displays
- 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
- Crystal clear images with Quad HD 2560 x 1440 pixels
- IPS technology for full colours and wide viewing angles

Sustainable Eco-design

- PowerSensor saves up to 80% energy costs
- LightSensor for the perfect brightness with minimal power

Highlights

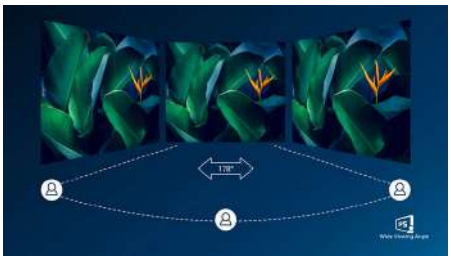
USB Type-C connection

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 super-speed, while powering up and re-charging your notebook at the same time.

CrystalClear images

These Philips screens deliver Crystal Clear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high-performance panels with a high-density pixel count, enabled by high bandwidth sources like USB-C, Displayport and HDMI, these new displays will make your images and graphics come alive. Whether you are a demanding professional who requires extremely detailed information for CAD-CAM solutions and uses 3D graphic applications, or a financial wizard working on huge spreadsheets, Philips displays will give you Crystal Clear images.

IPS technology



IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, 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 colours, making it ideal not only for Photos, films and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

Pop-up webcam

Philips' innovative and secure webcam pops up when you need it and securely tucks back into the monitor when you are not using it. The webcam is also equipped with advanced sensors for Windows Hello facial recognition, which conveniently logs you into your Windows devices in less than 2 seconds, 3 times faster than a password.

DisplayPort-out

With DisplayPort-out you can connect multiple high-resolution displays with just one cable from your first display to the PC. The ability to daisy chain multiple displays enables you to maintain a clean desktop without the hassle of too many wires.

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, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

Quad HD
Wide Viewing Angle
Flicker-free
LowBlue Mode
PowerSensor
LightSensor
EasyRead

TestPoint
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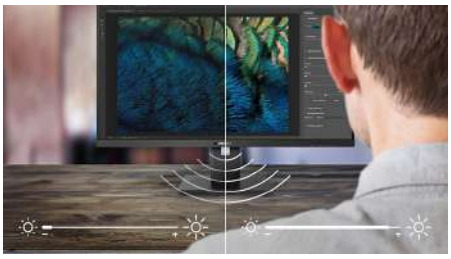
Highlights

TUV Rheinland Eye Comfort

Philips displays 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, a wide viewing angle, less reduction of image quality from different angles and ergonomic stand designs for an ideal viewing experience. Keep your eyes healthy and boost work productivity.

PowerSensor



PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when then user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

LightSensor

LightSensor uses a smart sensor to adjust the picture brightness depending on the light conditions in the room for the perfect picture with minimal power usage.

EasyRead mode

EasyRead mode for a paper-like reading experience

Quad HD

Wide Viewing Angle

Flicker-free

LowBlue Mode

Eye Comfort

PowerSensor

TestPoint
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Specifications

Picture/Display
Panel Size: 31.5 inch/80 cm
Aspect ratio: 16:9
LCD panel type: IPS technology
Backlight type: W-LED system
Pixel pitch: 0.2727 x 0.2727 mm
Brightness: 350 cd/m²
Display colours: Colour support 1.07 billion colours
Colour gamut (typical): NTSC 106%*, sRGB 118%*, Adobe RGB 87%*
Contrast ratio (typical): 1000:1
SmartContrast: 50,000,000:1
Response time (typical): 4 ms (Grey to Grey)*
Viewing angle: 178º (H)/178º (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 2560 x 1440 @ 75 Hz*
Effective viewing area: 698.112 (H) x 392.688 (V)
Scanning Frequency: 30–114 kHz (H)/48–75 Hz (V)
sRGB
Delta E: < 2 (sRGB)
Flicker-free
Pixel Density: 93 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
SmartUniformity: 93 ~ 105%
EasyRead

Connectivity
Signal Input: DisplayPort 1.4 x 1, HDMI 1.4 x 2, USB-C 3.2 Gen 1 x 1 (upstream, power delivery up to 90 W)
Sync Input: Separate Sync
Audio (In/Out): Audio out
RJ45: Ethernet LAN up to 1 G*, Wake on LAN
Signal Output: DisplayPort out x 1
USB:: USB-C x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
HDCP: HDCP 2.2 (HDMI/DP/USB-C)
HBR3: for 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 90 W (5 V/3 A, 7 V/3 A, 9 V/3 A, 10 V/3 A, 12 V/3 A, 15 V/3 A, 20 V/4.5 A)
USB-C: Reversible plug connector

Convenience
Built-in Speakers: 5 W x 2
Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10/8.1/8/7
User convenience: SmartImage, Input, User, Menu, Power On/Off
OSD Languages: Brazil Portuguese, Czech, Dutch, English, French, Finnish, German, Greek, Hungarian, Italian, Japanese, Korean, Portuguese, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Other convenience: Kensington lock, VESA mount (100 x 100 mm)
Control software: SmartControl
Built-in webcam: 2.0 megapixel FHD camera with microphone and LED indicator (for Windows 10 Hello)

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

Power
ECO mode: 24 W (typ.)
Power supply: Built-in, 100–240 VAC, 50–60 Hz
Off mode: Zero watts with Zero switch
On mode: 25.3 W (typ.) (EnergyStar test method)
Standby mode: 0.3 W
Power LED indicator: Operation - White, Standby mode - White (flashing)
Energy Label Class: F

Dimensions
Packaging in mm (W x H x D): 930 x 563 x 186 mm
Product without stand (mm): 714 x 422 x 62 mm
Product with stand (max height): 714 x 649 x 280 mm

Weight
Product with packaging (kg): 15.53 kg
Product with stand (kg): 12.22 kg
Product without stand (kg): 8.21 kg

Operating conditions
Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
Temperature range (operation): 0°C to 40°C °C
Relative humidity: 20%-80 %
Temperature range (storage): -20°C to 60°C °C
MTBF (demonstrated): 70,000 hrs (excluded backlight)

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

Compliance and standards
Regulatory Approvals: CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CCC, CEL, CECP, CE Mark, FCC Class B, ICES-003, TUV Eye Comfort certified

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

What's in the box?
Cables: HDMI cable, DP cable, USB-C to C cable, Power cable
Monitor with stand
User Documentation

* "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 CIE 1976
* sRGB Area based on CIE1931
* Adobe RGB Coverage based on CIE 1976
* Activities such as screen sharing and online streaming over the Internet can impact your network performance. Your hardware and network bandwidth will determine the overall audio and video quality.
* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode
* 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.
* DisplayPort out works only under either DP in or USB-C in.
* Mac OS does not support DP-Out MST extension function.
* If your Ethernet connection seems slow, please enter the OSD menu and select USB 3.0 or a higher version that can support the LAN speed up 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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