Philips Business Monitor
4K Ultra HD LCD display
with MultiView

P Line
43 (42.51"/108 cm diag.)
3840 x 2160 (4K UHD)

439P1

Master every task in a crisp view

The Philips USB-C docking display for a comprehensive solution. View UltraClear 4K UHD and recharge a laptop, all at the same time with a single USB-C cable. Integrated KVM switch and multiple connections for performance and convenience.

Expand your viewing experience
- UltraClear 4K UHD (3840 x 2160) resolution for precision
- VA display delivers awesome images with wide viewing angles
- Ultra Wide-Color wider range of colours for a vivid picture
- DisplayHDR 400 for more lifelike and outstanding visuals

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
- MultiView 4K for 4 systems on one screen
- Tilt, swivel and height-adjust for an ideal viewing position
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- EasyRead mode for a paper-like reading experience
- Built-in KVM switch to easily switch between sources

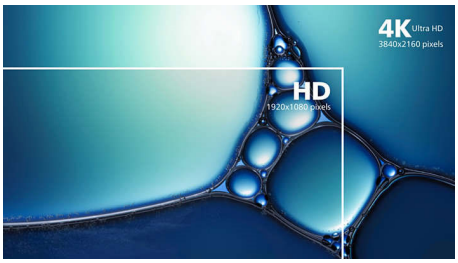
PHILIPS

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.

UltraClear 4K UHD Resolution



These Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a demanding professional requiring extremely detailed images for CAD solutions, a user of 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

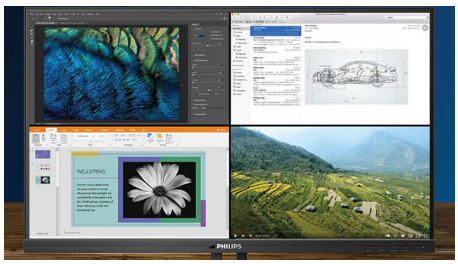
DisplayHDR 400

VESA-certified DisplayHDR 400 delivers a significant step up from normal SDR displays. Unlike, other "HDR-compatible" screens, true DisplayHDR 400 produces astonishing brightness, contrast and colours. With global dimming and peak brightness up to 400 nits, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colours, delivering a visual experience that engages your senses.

Ultra Wide-Color Technology

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

MultiView technology for 4K



Philips MultiView feature on this expansive 4K UHD display enables you to have up to four systems each shown in Full HD on one screen. You can use Picture-by-Picture (PbP) to monitor four systems on one screen for control rooms or security. Or for multiple devices like two notebooks side-by-side simultaneously, making collaboration more productive. Or Picture-in-Picture mode (PiP) watching a live football feed from your set-top box, while working on your PC.

MultiClient Integrated KVM

With the MultiClient Integrated KVM switch, you can control two separate PCs with one monitor-keyboard-mouse setup. A convenient button allows you to quickly switch between sources. Handy with setups that require dual PC computing power or sharing one large monitor to show two different PCs.

4K Ultra HD | DisplayHDR 400 | Ultra Wide Color | MultiClient Integrated KVM | Flicker-free | LowBlue Mode | EasyRead | CompactErgo Base | Wide Viewing Angle

4K Ultra HD LCD display with MultiView
P Line 43 (42.51"/108 cm diag.), 3840 x 2160 (4K UHD)

439P1/00

Specifications

Connectivity
- Signal Input: DisplayPort 1.4 x 1, HDMI 2.0 x 2, HDMI 1.4 x 1, USB-C 3.2 Gen 2 x 1 (upstream, data, power delivery)
- Sync Input: Separate Sync
- Audio (In/Out): Headphone out
- RJ45: Ethernet LAN up to 1 G*, Wake on LAN
- RS232
- USB:: Upstream: USB-C x 1, USB-B x 1; Downstream: USB 3.2 x 3 (with 1 fast charge B.C 1.2), USB-C x 1 (for PD 15 W only)
- HDCP: HDCP 1.4 (HDMI 1.4 / HDMI 2.0 / DP 1.4 / USB-C), HDCP 2.2 (HDMI 2.0 / DP 1.4 / USB-C)
- HBR3: USB-C

Picture/Display
- Panel Size: 42.51 inch/108 cm
- Aspect ratio: 16:9
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.2451 x 0.2451 mm
- Brightness: 400 cd/m²
- Display colours: Colour support 1.07 billion colours
- Colour gamut (typical): NTSC 105%*, sRGB 126%*, Adobe RGB 90%*
- Contrast ratio (typical): 4000:1
- SmartContrast: 50,000,000:1
- Response time (typical): 4 ms (Grey to Grey)*
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Maximum resolution: HDMI 1.4: 3840 x 2160 @ 30 Hz; HDMI 2.0 / DP / USB-C: 3840 x 2160 @ 60 Hz
- Effective viewing area: 941.184 (H) x 529.416 (V) mm
- Scanning Frequency: 30–140 kHz (H) / 48–60 Hz (V)
- sRGB
- Delta E: < 2 (sRGB)
- Flicker-free
- Pixel Density: 103.64 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- SmartUniformity: 93 ~ 105%
- EasyRead
- Adaptive sync
- HDR: DisplayHDR 400 certified

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: USB-C1: 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-C2: up to 15 W (5 V/3 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, 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 (200 x 200 mm)
- Control software: SmartControl
- MultiView: PIP/PBP mode, 4 x devices
- KVM: USB-C, USB-B

Stand
- Height adjustment: 100 mm
- Swivel: -/+ 45 degree
- Tilt: -5 ~ 23 degree

Power
- ECO mode: 43.9 W (typ.)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: Zero watts with Zero switch
- On mode: 46 W (typ.) (EnergyStar test method)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Energy Label Class: G

Dimensions
- Packaging in mm (W x H x D): 1150 x 704 x 284 mm
- Product without stand (mm): 978 x 573 x 78 mm
- Product with stand (max height): 978 x 713 x 281 mm

Weight
- Product with packaging (kg): 23.30 kg
- Product with stand (kg): 18.00 kg
- Product without stand (kg): 12.40 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
- 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, RoHS
- Post-consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free

Compliance and standards
- Regulatory Approvals: CB, TUV/GS, TUV Ergo, CU-EAC, EAEU RoHS, CE Mark, FCC Class B,

Specifications

ICES-003

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

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

* Response time value equal to SmartResponse
* NTSC Area based on CIE 1976
* sRGB Area based on CIE1931
* Adobe RGB Coverage based on CIE 1976
* 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.
* 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
* 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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