

PHILIPS

UltraWide LCD monitor
with USB-C docking

Business Monitor

5000 series

40 (39.53" / 100.4 cm diag.)

3440 x 1440 (WQHD)

40B1U5601H



Beyond well-equipped with pop-up webcam

This USB-C monitor is for video watching, data transfer and power delivery. The integrated 5MP webcam delivers sharp images, and noise cancelling mic let people hear you fine. Windows Hello Webcam for quick access and strong security.

Superb Picture Quality

- IPS LED wide view technology for image and color accuracy
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- High Dynamic Range (HDR) for more lifelike colorful visuals

Single cable USB-C connection

- RJ-45 to USB-C gives easy network connection with security
- USB 3.2 high speed data transfer

Designed for the way you work

- MultiView enables simultaneous dual connection and view
- DisplayPort-out for connecting additional displays
- Built-in KVM switch to easily switch between sources
- Collaboration-ready webcam with noise-cancelling mic.
- Earphone hook: Accessory within reach

Designed for sustainability

- PowerSensor saves up to 80% energy costs

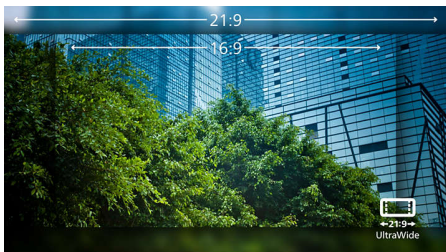
Highlights

USB-C Docking with RJ45



Simplify all peripherals from monitor to PC using one-cable-docking USB Type-C connector, includes networking, high resolution video output from PC to monitor, and surfing on Internet without an additional network cable, even without LAN port on your notebook. RJ45 connection through USB-C offers a fast and secure connection when needed. Getting the fastest data speeds allows you to transfer data from a HDD to your PC faster than ever. Additionally, USB-C with power delivery can even enable you to power and charge your notebook from the monitor, eliminating the need for extra power cables.

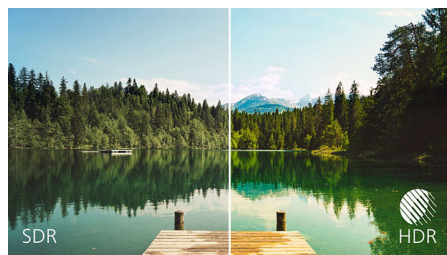
UltraWide CrystalClear images



These Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images. Utilizing high performance panels with high-density pixel count, 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with more room for side-by-side comparisons and more viewable

spreadsheet columns. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, or a financial wizard working on huge spreadsheets, Philips displays delivers CrystalClear images.

High Dynamic Range (HDR)



High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on display, giving you a visual experience that engages your senses and inspires emotions.

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 create a clean desktop without the hassle of too many wires all over.

MultiClient Integrated KVM



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

Webcam & noise cancelling mic



This Philips monitor comes with a built-in 5MP webcam, noise-cancelling microphone, and speakers, making it perfect for working from home and collaborating remotely. It is equipped with advanced sensors that work seamlessly with Windows Hello facial recognition, allowing you to log into your Windows devices in less than 2 seconds. For added privacy, a physical camera switch lets you disable the webcam when not in use. The noise-cancelling microphone and dual 5-watt integrated speakers ensure clear communication.



WQHD



HDR



MultiClient Integrated KVM



Noise cancellation



PowerSensor



Multiview



Wide Viewing Angle



CompactErgo Base

Business Monitor

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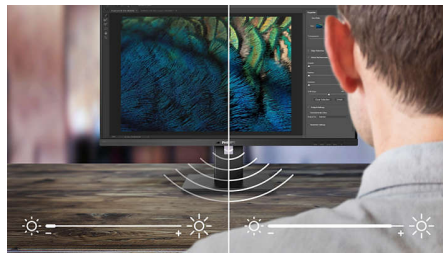
Highlights

Earphone hook



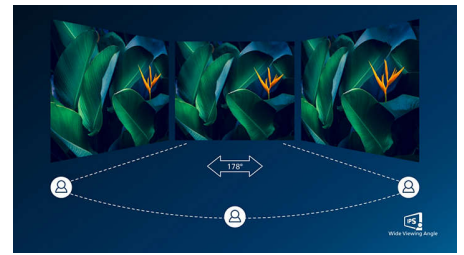
The unique design of headphone hook on the side of the Philips monitor brings the tidiness and cable management of your working station to the next level. The easy access of it lets you put aside your headphone easily, making sure that all the accessory you need is within reach.

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 80 percent and prolonging monitor life

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.



Specifications

Picture/Display

Panel Size: 40 inch

Viewable Size: 39.53 inch / 100.4 cm

Aspect ratio: 21:9

LCD panel type: IPS technology

Backlight type: W-LED system

Pixel pitch: 0.26925 x 0.26925 mm

Brightness: 300 cd/m²

Display colors: 16.7 M (8 bit)

Color gamut (typical): NTSC 102%*, sRGB 121%*

Contrast ratio (typical): 1200:1

SmartContrast: 50,000,000:1

Response time (typical): 4 ms (Gray to Gray)*

Viewing angle: 178° (H) / 178° (V), @ C/R > 10

Picture enhancement: SmartImage

Maximum resolution: HDMI: 3440 x 1440 @ 100 Hz, DP/USB-C: 3440 x 1440 @ 120 Hz

Effective viewing area: 926.22 (H) x 387.72 (V)

Scanning Frequency: HDMI: 30 - 160 kHz (H) / 48 - 100 Hz (V); DP/USB-C: 30 - 190 kHz (H) / 48 - 120 Hz (V)

sRGB

Delta E: < 2

Flicker-free

Pixel Density: 94 PPI

LowBlue Mode

Display Screen Coating: Anti-Glare, 3H, Haze 25%

SmartUniformity: 93 ~ 105%

EasyRead

HDR: HDR 400 supported

Connectivity

Signal Input: HDMI 2.0 x 1, DisplayPort 1.4 x 1, USB-C x 2 (upstream, DP Alt mode, Data, PD up to 100W)

Sync Input: Separate Sync

Audio (In/Out): Audio out / Microphone in combo jack

RJ45: Ethernet LAN up to 1G*, Wake on LAN

Signal Output: DisplayPort out x 1

HDCP: HDCP 1.4 (HDMI / DisplayPort / USB-C),

HDCP 2.2 (HDMI / DisplayPort / USB-C)

HBR3: HBR3 (USB-C / DisplayPort)

USB Hub: USB 3.2 Gen 2 / 10 Gbps, USB-A downstream x 4 (with 1 for fast charge B.C 1.2), USB-C downstream x 1 (Data, PD 15W)

Power Delivery

Max power delivery: Up to 100 W* (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.8A)

Version: USB PD version 3.0

Convenience

Built-in Speakers: 5 W x 2

Plug & Play Compatibility: DDC/CI, Mac OS X, Windows 11 / 10 / 8.1 / 8 / 7, sRGB

User convenience: Mic, 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, Earphone hook, VESA mount (100x100mm)

Control software: SmartControl

MultiView: PIP/PBP mode, 2x devices

Built-in webcam: Pop-up 5.0 megapixel camera with microphone and LED indicator (for Windows Hello)

KVM: Yes (USB-C/USB-C)

Noise cancellation

Stand

Height adjustment: 150 mm

Swivel: -/+180 degree

Tilt: -5/30 degree

Slant adjust: -/+ 2 degree

Power

ECO mode: 31.4 W (typ.)

Power supply: Built-in, 100-240VAC, 50-60Hz

Off mode: Zero watts with AC switch

On mode: 40.2 W (typ.) (EnergyStar test method)

Standby mode: 0.4 W (typ.)

Power LED indicator: Operation - White, Standby mode- White (blinking)

Specifications

Dimensions

Packaging in mm (WxHxD): 1070 x 507 x 226 mm

Product without stand (mm): 944 x 419 x 54 mm

Packaging in inch (WxHxD): 42.1 x 20.0 x 8.9 inch

Product without stand in inch: 37.2 x 16.5 x 2.1 inch

Product with stand(max height): 944 x 628 x 280 mm

Product with stand(max height): 37.2 x 24.7 x 11.0 inch

Weight

Product with packaging (kg): 17.83 kg

Product with stand (kg): 14.12 kg

Product with packaging (lb): 39.23 lb

Product with stand (lb): 31.06 lb

Product without stand (kg): 9.90 kg

Product without stand (lb): 21.78 lb

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,

LightSensor, EnergyStar 8.0, EPEAT*, RoHS

Post consumer recycled plastic: 85%

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, CU-EAC, EAEU RoHS, TUV Ergo, TUV/GS, cETLus

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.
- * Response time value equal to SmartResponse
- * NTSC Area based on CIE1976
- * sRGB Area based on CIE1931
- * 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.
- * 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.
- * The USB-C power delivery of this display is up to 100 W (96 W in typical), the maximum power delivery will depend on your device.
- * When calculating energy costs saving from PowerSensor, both USB and Power delivery are excluded.
- * 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.