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 a pop-up webcam

This USB-C monitor is great for watching videos, data transfer and power delivery. The integrated 5 MP webcam delivers sharp images, and a noise-cancelling mic lets people hear you clearly. Features a pop-up webcam for quick access and robust security.

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

Single cable USB-C connection
- RJ-45 to USB-C gives easy network connection with security

Designed for the way you work
- MultiView enables simultaneous dual connection and view
- Secure sign-in with pop-up webcam
- 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
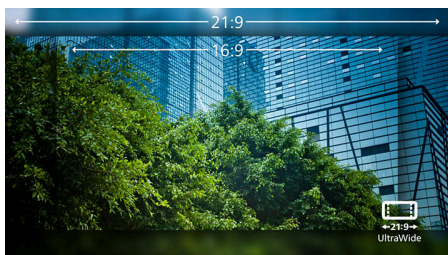- PowerSensor saves up to 80% energy costs
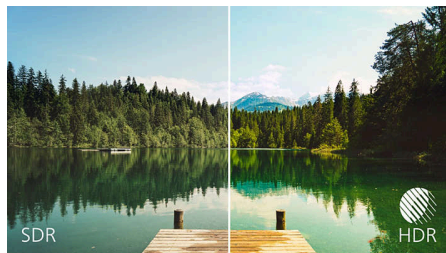
Highlights

IPS technology

IPS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

UltraWide CrystalClear images

These Philips screens deliver Crystal Clear, UltraWide Quad HD 3440 x 1440 pixel images. Utilising high-performance panels with high-density pixel count and 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 a demanding professional requiring extremely detailed information for CAD-CAM solutions or a financial wizard working on huge spreadsheets, Philips displays deliver Crystal Clear images.

High Dynamic Range (HDR)

High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating colour, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colours never before seen on a 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 maintain a clean desktop without the hassle of too many wires.
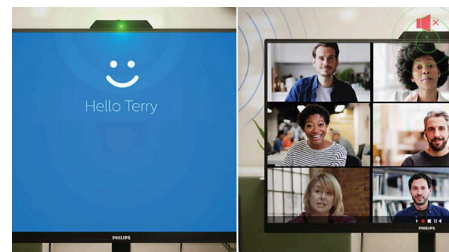
MultiClient Integrated KVM

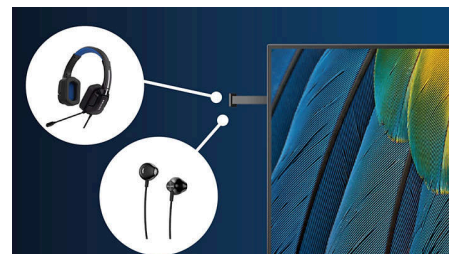With the MultiClient Integrated KVM switch, you can control two separate PCs with one monitor-keyboard-mouse setup. A convenient button allows you to quickly switch between sources. Handy with setups that require dual PC computing power or sharing one large monitor to show two different PCs.

Webcam and noise-cancelling mic

This Philips monitor comes with a built-in 5 MP 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.

Earphone hook

The unique design of the headphone hook on the side of the Philips monitor brings the tidiness and cable management of your working station to the next level. Its easy access lets you put aside your headphones easily, making sure that all of the accessories you need are within reach.
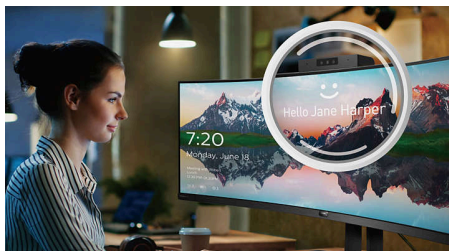
Wide Viewing Angle   WQHD   HDR   Multiview   MultiClient Integrated KVM   Noise cancellation   PowerSensor   CompactErgo Base

Highlights

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.
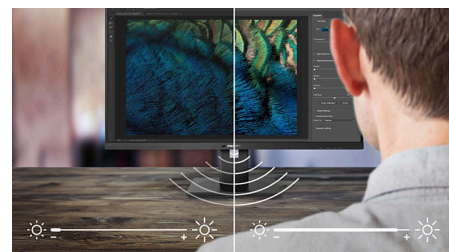
USB-C Docking with RJ45

Simplify all peripherals from monitor to PC using one-cable docking USB Type-C connector, including networking, high-resolution video output from PC to monitor, and surfing on the Internet without an additional network cable, even without a 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.

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

IPS
Wide Viewing Angle

WQHD

HDR

Multiview

MultiClient Integrated KVM

Noise cancellation

Business Monitor

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40B1U5601H/00

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 colours: 16.7 M (8 bit)
Colour gamut (typical): NTSC 102%*, sRGB 121%*
Contrast ratio (typical): 1200:1
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: 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 100 W)
Sync Input: Separate Sync
Audio (In/Out): Audio out/Microphone in combo jack
RJ45: Ethernet LAN up to 1 G*, 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 15 W)

Power Delivery

Max power delivery: Up to 100 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/4.8 A)
Version: USB PD version 3.0

Convenience

Built-in Speakers: 5 W x 2
Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11/10/8.1/8/7
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 (100 x 100 mm)
Control software: SmartControl
MultiView: PIP/PBP mode, 2 x devices
Built-in webcam: Pop-up 5.0 megapixel camera with a 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 degrees

Power

ECO mode: 31.4 W (typ.)
Power supply: Built-in, 100–240 VAC, 50–60 Hz
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 (flashing)
Energy Label Class: G

Dimensions

Packaging in mm (W x H x D): 1070 x 507 x 226 mm
Product without stand (mm): 944 x 419 x 54 mm
Product with stand (max height): 944 x 628 x 280 mm

Weight

Product with packaging (kg): 17.83 kg
Product with stand (kg): 14.12 kg
Product without stand (kg): 9.90 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: Energy Star, PowerSensor, LightSensor, 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, EAEU RoHS, TUV Ergo, TUV/GS, ETL, TCO Certified, CEC, SEMKO, MEPS, PSB, KC, CEL, CCC, CECP, EMC, BSMI, VCCI, UKCA, EMF, FCC, ICES-003

Cabinet

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

What's in the box?

Cables: HDMI cable, DisplayPort 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.
* Response time value equal to SmartResponse
* NTSC Area based on CIE 1976
* 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 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 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 the OSD menu and select USB 3.0 or a higher version that can support the LAN speed up 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.

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