Philips Business Monitor
5K2K UltraWide
Thunderbolt™ monitor

6000 series
40 (39.7"/100.9 cm diag.)
5120 x 2160 (5K2K)

40B1U6903CH

Simply brilliant

with a pop-up webcam

The Philips Thunderbolt™ 4 monitor delivers a secure, reliable one-cable docking solution, delivering sharp images, with a noise cancelling mic that lets people hear you properly. Windows Hello Webcam for quick access and strong security.

Thunderbolt™ 4 port for flexibility and performance
- Simple and powerful daisy chaining for multi-monitor setups
- Lightning-fast connectivity for data, video and Ethernet
- Delivers up to 90 W of power for devices on a single port

Vibrant colours, incredible depth, finest details
- IPS LED wide view technology for image and colour accuracy
- UltraWide 5K2K (5120 x 2160) resolution for fine details

Designed for the way you work
- Tilt, swivel and height-adjust for an ideal viewing position
- Eyesafe-certified blue light protection and colour accuracy
- Built-in KVM switch to easily switch between sources
- Webcam with noise-cancelling microphone for collaboration
- Accessory within reach

Designed for sustainability
- PowerSensor saves up to 80% energy costs

PHILIPS

Highlights

Thunderbolt™ 4 monitor

This Philips docking monitor is equipped with Thunderbolt™ 4 connection. Compared with conventional USB-C monitors, Thunderbolt™ 4 technology provides lightning-fast 40 Gbps data transfer speeds, supports high-resolution video, offers multi-stream transport for daisy chaining, has up to 90 W of power delivery to external devices and can provide a stable 1 Gbit/s Ethernet connection.
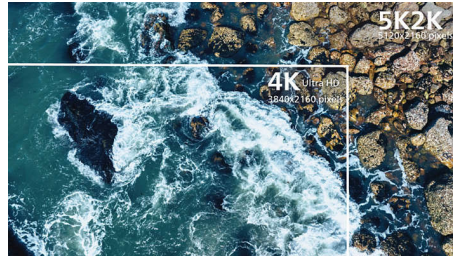
Delivers up to 90 W of power

Delivers up to 90 W of power for devices on a single port

Thunderbolt daisy chain setup

Daisy chaining allows you to drive multiple monitors and devices from a single Thunderbolt port on your laptop. From the Thunderbolt port of your laptop, connect to this monitor, then from the second Thunderbolt port on this monitor you can connect to a second 4K monitor.

UltraWide 5K2K

With UltraWide 5K2K resolution, the colour depth is delivered more vividly and the fine details of the visuals can't be missed. Productivity is redefined thanks to the additional screen space.
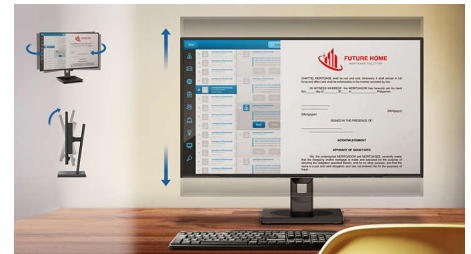
Webcam and noise-cancelling mic

This Philips monitor comes with a built-in 5 MP webcam, a noise-cancelling microphone, and speakers, making it perfect for working from home and collaborating remotely. The webcam is certified for Windows Hello and is equipped with advanced sensors for Windows Hello™ facial recognition, which conveniently logs you into your Windows devices in less than 2 seconds. The physical camera switch offers extra privacy when not in use. The noise-cancelling microphone and dual 5 watt integrated speakers deliver clear communications.
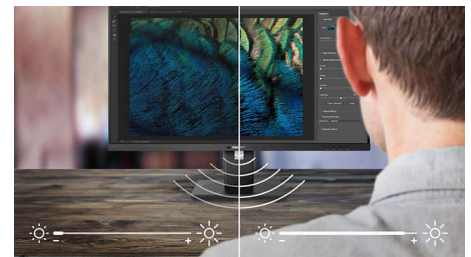
TUV Rheinland Eyesafe

Philips display meets the TUV Rheinland Eyesafe® standard to truly protect you from long exposure to blue light. The always-on blue light filter not only helps reduce digital eye strain, but also guarantees colour integrity.

Compact Ergo Base

The Compact Ergo Base is a people-friendly Philips monitor base that tilts, swivels and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

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

THUNDERBOLT™   Noise cancellation   eyesafe CERTIFIED RPF50   CompactErgo Base   PowerSensor   MultiClient Integrated KVM   IPS Wide Viewing Angle   HDR   Multiview

Specifications

Connectivity
- Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1, Thunderbolt 4 x 1 (upstream, Data, Video, PD 90 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: Thunderbolt 4 out x 1 (downstream, Data, PD 15 W)
- HDCP: HDCP 1.4 (HDMI/DisplayPort/USB-C), HDCP 2.2 (HDMI/DisplayPort/USB-C)
- HBR3: HBR 3 (TBT4/DisplayPort)
- USB Hub: USB 3.2 Gen 2/10 Gbps, USB-B upstream x 1, USB-A downstream x 4 (with 1 for fast charge B.C 1.2), USB-C downstream x 1 (Data, PD 45 W)

Picture/Display
- Panel Size: 39.7 inch/100.9 cm
- Aspect ratio: 21:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.1815 x 0.1815 mm
- Brightness: 300 cd/m²
- Display colours: Colour support 1.07 billion colours (8-bit + A-FRC)
- Colour gamut (typical): NTSC 103%*, sRGB 134%*
- Colour gamut (min.): DCI-P3 98%*
- Contrast ratio (typical): 1000:1
- SmartContrast: 80,000,000:1
- Response time (typical): 4 ms (Grey to Grey)*
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Maximum resolution: 5120 x 2160 @ 75 Hz*
- Effective viewing area: 929.28 (H) x 392.04 (V) - at a 2500 R curvature*
- Scanning Frequency: HDMI: 30 - 140 kHz (H)/30 - 60 Hz (V); DP/Thunderbolt 4: 30 - 170 kHz (H)/48 - 75 Hz (V)
- sRGB

- Delta E: < 2
- SoftBlue
- Flicker-free
- Pixel Density: 140 PPI
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- SmartUniformity: 93 ~ 105%
- EasyRead
- Adaptive sync
- HDR: HDR 10 supported

Power Delivery
- 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/ 4.25 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
- 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 (TBT4/USB-B)
- Noise cancellation

Stand
- Height adjustment: 150 mm
- Swivel: -/+45 degree
- Tilt: -5/15 degree

Power
- ECO mode: 44.6 W (typ.)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: Zero watts with AC switch
- On mode: 58.3 W (typ.) (Energy Star test method)
- Standby mode: 0.44 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 565 x 211 mm
- Product without stand (mm): 948 x 426 x 109 mm
- Product with stand (max height): 948 x 605 x 236 mm

Weight
- Product with packaging (kg): 17.17 kg
- Product with stand (kg): 13.50 kg
- Product without stand (kg): 10.30 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: PowerSensor, LightSensor, EnergyStar 8.0, EPEAT*, RoHS, TCO Certified Edge
- Post-consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC/BFR free housing

Specifications

Compliance and standards
• Regulatory Approvals: CB, CE Mark, FCC Class B, ICES-003, CU-EAC, EAEU RoHS, TUV Ergo, TUV/GS, TUV Eyesafe certified, cETLus

Cabinet
• Finish: Texture
• Foot: Black

• Front bezel: Black
• Rear cover: Black

What's in the box?
• Cables: HDMI cable, DisplayPort cable, TBT4 cable, Power cable
• Monitor with stand
• User Documentation

* Radius of the arc of the display curvature in mm
* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* This Philips display is capable of achieving up to 75 Hz refresh rates through its Thunderbolt and DP connector. The HDMI port only supports 5120 x 2160 @ 50 Hz.
* Response time value equal to SmartResponse
* DCI-P3 Coverage based on CIE1976
* 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.
* 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.