

Philips Business Monitor
5K2K UltraWide
Thunderbolt™ monitor

6000 series

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

49B2U6903CH



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Thunderbolt™ 4 port for flexibility & performance

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

Vibrant colors, incredible depth, finest details

- UltraWide 5K2K (5120 x 2160) resolution for fine details
- IPS LED wide view technology for image and color accuracy

Designed for the way you work

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

Designed for sustainability

- PowerSensor saves up to 80% energy costs

PHILIPS

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Highlights

Thunderbolt™ 4 monitor



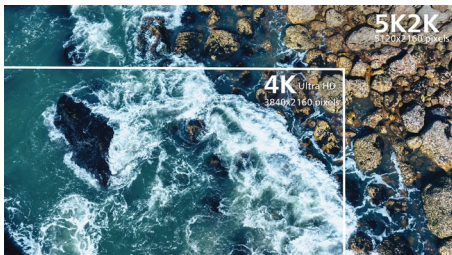
This Philips docking monitor is equipped with Thunderbolt™ 4 connection. Compared with conventional USB-C monitors, Thunderbolt™ 4 technology provides lightning-fast 40Gbps data transfer speeds, supports high resolution video, offers multi-stream transport for daisy chaining, has up to 90W of power delivery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

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.

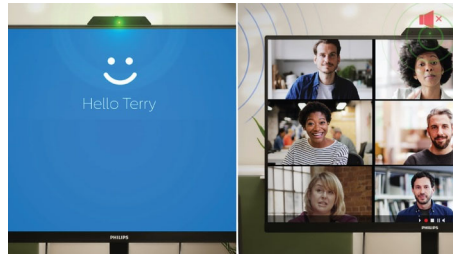
UltraWide 5K2K



With UltraWide 5K2K resolution, the color depth is delivered more vividly and the fine

details of the visual are never to be missed. Productivity is redefined thanks to the additional screen space.

Webcam & noise cancelling mic



This Philips monitor comes with built-in 5MP webcam, noise cancelling microphone, and speakers. Making it perfect for working from home and collaborating remotely. The webcam is certified for Windows Hello. 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.

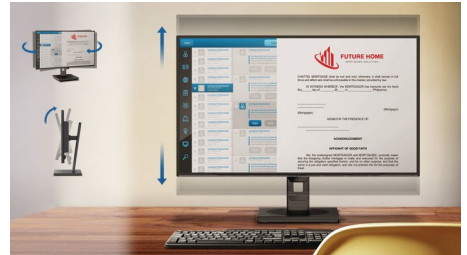
TUV Rheinland Eyesafe



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

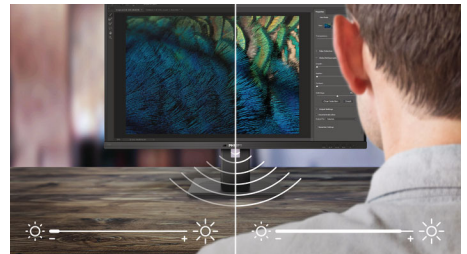
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Compact Ergo Base



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 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

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.



Specifications

Picture/Display

- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 39.7 inch / 100.9 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 929.28 (H) x 392.04 (V) - at a 2500R curvature*
- Aspect ratio: 21:9
- Maximum resolution: HDMI: 5120 x 2160 @ 50 Hz, TBT4/DP: 5120 x 2160 @ 75 Hz*
- Pixel Density: 140 PPI
- Response time (typical): 4 ms (Gray to Gray)*
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 80,000,000:1
- Pixel pitch: 0.1815 x 0.1815 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Display colors: Color support 1.07 billion colors (8 bit + A-FRC)
- Color gamut (min.): DCI-P3 98%*
- Color gamut (typical): NTSC 103%*, sRGB 134%*
- HDR: HDR 10 supported
- Scanning Frequency: HDMI: 30 - 140 kHz (H) / 30 - 60 Hz (V) ; DP/Thunderbolt 4: 30 - 170 kHz (H) / 48 - 75 Hz (V)
- SmartUniformity: 93 ~ 105%
- Delta E: < 2
- sRGB
- SoftBlue
- EasyRead
- Adaptive sync

Connectivity

- Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1, Thunderbolt 4 x 1 (upstream, Data, Video, PD 90W)
- HDCP: HDCP 1.4 (HDMI / DisplayPort / USB-C), HDCP 2.2 (HDMI / DisplayPort / USB-C)
- HBR3: HBR 3 (TBT4 / DisplayPort)

- Signal Output: Thunderbolt 4 out x 1 (downstream, Data, PD 15W)
- 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 45W)
- Audio (In/Out): Audio out / Microphone in combo jack
- RJ45: Ethernet LAN up to 1G*, Wake on LAN
- Sync Input: Separate Sync

Power Delivery

- Version: USB PD version 3.0
- Max power delivery: Up to 90 W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.25A)

Convenience

- Built-in Speakers: 5 W x 2
- Built-in webcam: Pop-up 5.0 megapixel camera with microphone and LED indicator (for Windows Hello)
- Noise cancellation
- MultiView: PIP/PBP mode, 2x devices
- KVM: Yes (TBT4/USB-B)
- User convenience: Mic, SmartImage, Input, User, Menu, Power On/Off
- Control software: SmartControl
- 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)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8

Stand

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

Power

- ECO mode: 44.6 W (typ.)
- On mode: 58.3 W (typ.) (EnergyStar test method)
- Standby mode: 0.44 W (typ.)
- Off mode: Zero watts with AC switch
- Energy Label Class: G
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions

- Product with stand(max height): 948 x 605 x 236 mm
- Product without stand (mm): 948 x 426 x 109 mm
- Packaging in mm (WxHxD): 1150 x 565 x 211 mm

Weight

- Product with stand (kg): 13.50 kg
- Product without stand (kg): 10.30 kg
- Product with packaging (kg): 17.17 kg

Operating conditions

- Temperature range (operation): 0°C to 40 °C
- Temperature range (storage): -20°C to 60 °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability

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

Compliance and standards

- Regulatory Approvals: CB, CE Mark, FCC Class B,

Specifications

ICES-003, CU-EAC, EAEU RoHS, TUV Ergo, TUV/ GS, TUV Eyesafe certified, cETLus

Cabinet

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

What's in the box?

- Monitor with stand
- Cables: HDMI cable, DisplayPort cable, TBT4 cable, Power cable
- User Documentation



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Version: 1.0.1

12 NC: 8670 001 91452
EAN: 87 12581 80477 0

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- * Radius of the arc of the display curvature in mm
- * "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
- * Response time value equal to SmartResponse
- * DCI-P3 Coverage based on CIE1976
- * 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.
- * 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.