PHILIPS

5K2K UltraWide Thunderbolt™ monitor

Business Monitor

6000 series

40 (39.7" / 100.9 cm diag.)

5120 x 2160 (5K2K)

40B1U6903CH

Simply brilliant

with pop-up webcam

Philips Thunderbolt™ 4 monitor delivers a secure, reliable one-cable docking solution, delivering sharp images, and noise cancelling mic let people hear you fine. Pop-up webcam for quick access and strong security.

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

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

Designed for the way you work
- Secure sign-in with pop-up webcam
- Eyesafe certified blue light protection and color accuracy
- Built-in KVM switch to easily switch between sources
- Collaboration-ready webcam with noise-cancelling mic.
- Earphone hook: Accessary within reach

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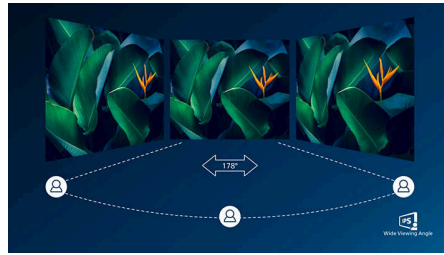
Highlights

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.
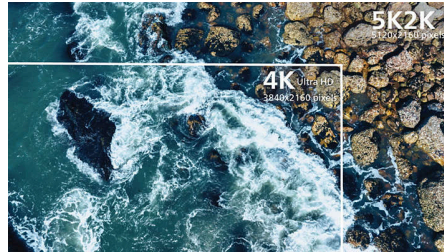
Thunderbolt daisy chain setup

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.
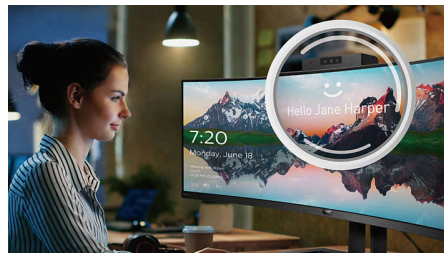
IPS technology

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.

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.

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.

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.

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.

THUNDERBOLT™   Wide Viewing Angle   eyesafe CERTIFIED / RPF 50   MultiClient Integrated KVM   Noise cancellation   PowerSensor   21:9 Curved Ultrawide   HDR

Highlights

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 physica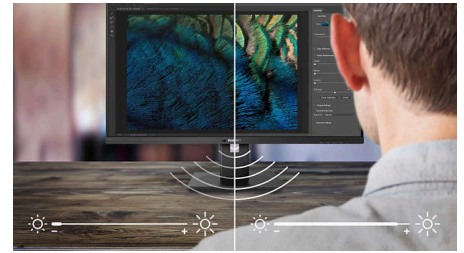l camera switch lets you disable the webcam when not in use. The noise-cancelling microphone and dual 5-watt integrated speakers ensure clear communication.

Earphone hook

The unique design of 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 accessary 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

THUNDERBOLT™

IPS
Wide Viewing Angle

eyesafe CERTIFIED   RPF 50

MultiClient Integrated KVM

Noise cancellation

PowerSensor

Specifications

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 colors: Color support 1.07 billion colors (8 bit + A-FRC)

Color gamut (typical): NTSC 113%*, sRGB 134%*

Color gamut (min.): DCI-P3 98%*

Contrast ratio (typical): 1000:1

SmartContrast: 80,000,000:1

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

Viewing angle: 178º (H) / 178º (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 2500R 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

Connectivity

Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1, Thunderbolt 4 x 1 (upstream, Data, Video, PD 90W)

Sync Input: Separate Sync

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

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

Signal Output: Thunderbolt 4 out x 1 (downstream, Data, PD 15W)

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 45W)

Power Delivery

Max power delivery: Up to 90 W (5/V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.25A)

Version: USB PD version 3.0

Convenience

Built-in Speakers: 5 W x 2

Plug & 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 (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 (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, 100-240VAC, 50-60Hz

Off mode: Zero watts with AC switch

On mode: 58.3 W (typ.) (EnergyStar test method)

Standby mode: 0.44 W (typ.)

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

Energy Label Class: G

Specifications

Dimensions

Packaging in mm (WxHxD): 1150 x 565 x 211 mm
Product without stand (mm): 948 x 426 x 109 mm
Packaging in inch (WxHxD): 45.3 x 22.2 x 8.3 inch
Product without stand in inch: 37.3 x 16.8 x 4.3 inch
Product with stand(max height): 948 x 605 x 236 mm
Product with stand(max height): 37.3 x 23.8 x 9.3 inch

Weight

Product with packaging (kg): 17.17 kg
Product with stand (kg): 13.50 kg
Product with packaging (lb): 37.77 lb
Product with stand (lb): 29.70 lb
Product without stand (kg): 10.30 kg
Product without stand (lb): 22.66 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, TCO Certified Edge
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, eyesafe® CERTIFIED 2.0, cETLus, TÜV Rheinland Low Blue Light (Hardware Solution)

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/A Y 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 75Hz refresh rates thru 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 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.

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