PHILIPS

UltraWide LCD monitor with USB-C

Business Monitor

5000 series

40 (39.53" / 100.4 cm diag.)

3440 x 1440 (WQHD)

40B1U5600

Beyond well-equipped

This Philips USB-C multipurpose monitor offers clutter-free setup. With a single cable you can view smooth high-resolution video, transfer data, and charge your laptop. The headphone holder brings cable management to the next level.

Superb Picture Quality
- IPS LED wide view technology for image and color accuracy
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- DisplayHDR 400 for more lifelike and outstanding visuals

Designed for the way you work
- Built-in stereo speakers for multimedia
- Tilt, swivel and height-adjust for an ideal viewing position
- Accessary within reach

Optimal Connectivity
- Built-in KVM switch to easily switch between sources
- Connect your notebook with one USB-C cable
- USB 3.2 high speed data transfer

Designed for sustainability
- LightSensor for the perfect brightness with minimal power
- PowerSensor saves up to 75% energy costs
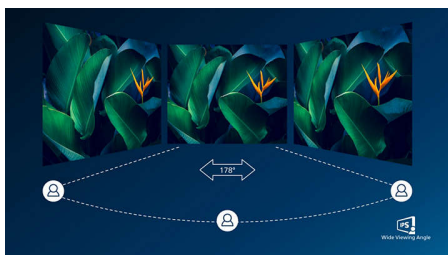
Highlights

USB-C connection

This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high resolution video and transfer data at a super-speed, while powering up and re-charging your compatible device at the same time.

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.
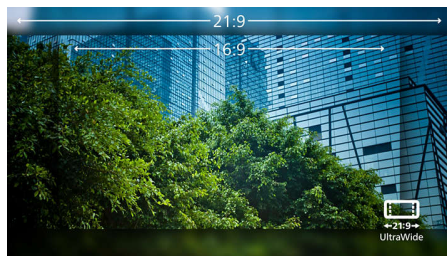
IPS technology

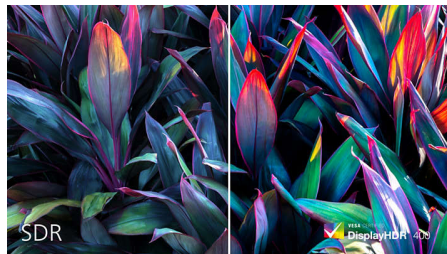IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and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

UltraWide 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.

DisplayHDR 400

VESA-certified DisplayHDR 400 delivers a significant step-up from normal SDR displays. Unlike, other 'HDR compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colors. With global dimming and minimum 400 nits brightness, images come to life with notable highlights while featuring deeper, more nuanced blacks. It
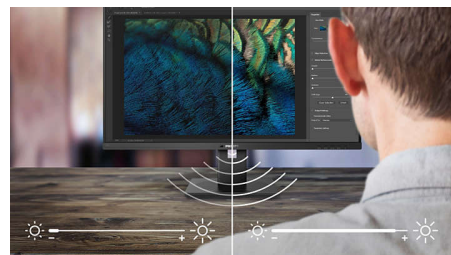
renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.

Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

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 75 percent and prolonging monitor life.

MultiClient Integrated KVM · Wide Viewing Angle · WQHD · VESA CERTIFIED DisplayHDR 400 · Built-in Speaker · CompactErgo Base · LightSensor · Wide Viewing Angle
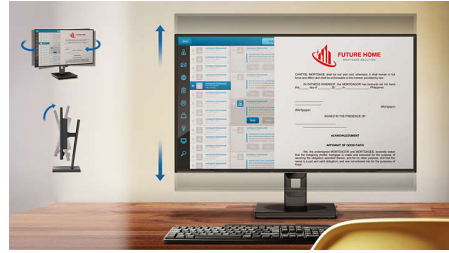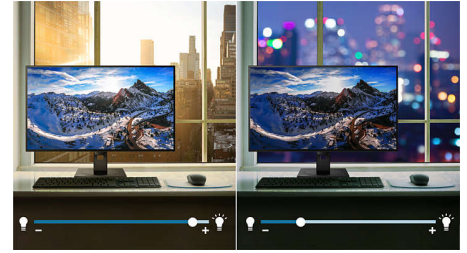
Highlights

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 accessary you need is within reach.

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.

LightSensor

LightSensor uses a smart sensor to adjust the picture brightness depending on the room light conditions for the perfect picture with minimal power usage.

Multiview

Business Monitor

UltraWide LCD monitor with USB-C   40B1U5600/69

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: 500 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: 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
Adaptive sync
HDR: DisplayHDR 400 certified

Connectivity
Signal Input: HDMI 2.0 x 1, DisplayPort 1.4 x 1, USB-C x 1 (upstream, DP Alt mode, Data, PD up to 100W)
Sync Input: Separate Sync
Audio (In/Out): Audio out
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 1 / 5 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 15W)

Power Delivery
Max power delivery: Up to 100 W* (5/V/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, sRGB, Windows 11 / 10 / 8.1 / 8 / 7
User convenience: KVM, 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
KVM: Yes (USB-C/USB-B)

Stand
Height adjustment: 150 mm
Swivel: -/+180 degree
Tilt: -5/30 degree
Slant adjust: -/+ 2 degree

Power
Power supply: Built-in, 100-240VAC, 50-60Hz
Off mode: Zero watts with AC switch
On mode: 36 W (typ.) (EnergyStar test method)
Standby mode: 0.4 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
Packaging in mm (WxHxD): 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): 17.65 kg
Product with stand (kg): 13.94 kg
Product without stand (kg): 9.72 kg

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, PSB

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.

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