

Philips 40B1U5601H(40B1U5601H/00)

Philips 40B1U5601H - 5000 Series - LED monitor - 40" (39.53" viewable) - 3440 x 1440 UWQHD @ 120 Hz - IPS - 300 cd/m² - 1200:1 - HDR10 - 4 ms - HDMI, DisplayPort, 2xUSB-C - speakers - black



This USB-C monitor is for data transfer, power delivery and watching videos. The integrated 5 MP webcam delivers sharp images, and the noise canceling mic lets people hear you fine. Windows Hello Webcam for quick access and strong security.

Key Selling Points

- RJ-45 to USB-C gives easy network connection with security
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- High Dynamic Range (HDR) for more lifelike colorful visuals
- DisplayPort-out for connecting additional displays
- Built-in KVM switch to easily switch between sources
- Webcam with noise-canceling microphone for collaboration
- Accessory within reach
- PowerSensor saves up to 80% energy costs
- MultiView enables simultaneous dual connection and view
- IPS LED wide view technology for image and color accuracy

Product Features

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

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.

CrystalClear images with UltraWide QHD 3440 x 1440 pixels

These Philips screens deliver Crystal Clear, UltraWide Quad HD 3440 x 1440 pixel images. Utilizing 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) for more lifelike colorful visuals

High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on a display, giving you a visual experience that engages your senses and inspires emotions.

DisplayPort-out for connecting additional displays

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.

Built-in KVM switch to easily switch between sources

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 with noise-canceling microphone for collaboration

This Philips monitor comes with a built-in 5 MP webcam, a noise-canceling 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-canceling microphone and dual 5 watt integrated speakers deliver clear communications.

Accessory within reach

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.

PowerSensor saves up to 80% energy costs

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 the user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

MultiView enables simultaneous dual connection and view

With the ultra-high resolution Philips MultiView display, you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multitasking.

IPS LED wide view technology for image and color accuracy

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 colors, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand color accuracy and consistent brightness at all times.

Main Specifications

Product Description	Philips 40B1U5601H - 5000 Series - LED monitor - 40" - HDR
Device Type	LED-backlit LCD monitor - 40"
Energy Class	Class G
Power Consumption (On mode)	40.2 W
Daisy Chaining	Yes
Features	KVM Switch, Gigabit Ethernet network adapter, USB 3.2 Gen 2 hub, webcam, USB PD 100 Watt
Panel Type	IPS
Aspect Ratio	21:9
Native Resolution	UWQHD 3440 x 1440 (DisplayPort: 120 Hz, HDMI: 100 Hz, USB-C: 120 Hz)
Pixel Pitch	0.26925 mm
Brightness	300 cd/m ²
Contrast Ratio	1200:1 / 50000000:1 (dynamic)
HDR Capable	HDR10
Response Time	4 ms (grey-to-grey)
Colour Support	16.7 million colours (8-bit)
Colour Gamut	102% NTSC (CIE 1976), 121% sRGB (CIE 1931)
Input Connectors	HDMI, DisplayPort, 2xUSB-C
Built-in Ethernet	Yes
Audio Input	Microphone
Built-in Webcam	5 Megapixel
Display Position Adjustments	Height, swivel, tilt
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Voltage	AC 100-240 V (50/60 Hz)
Colour	Black
Dimensions (WxDxH) - with stand (highest position)	94.4 cm x 28 cm x 62.8 cm
Weight	14.12 kg
Environmental Standards	TCO Certified Edge Displays, TCO Certified Displays 9, ENERGY STAR Qualified
Compliant Standards	Plug and Play, FCC Class B certified, TUV GS, ICES-003, SEMKO, CB, TUV Ergo, DDC/CI, cETLus, CU-EAC, BFR-free, HDCP 2.2, HDCP 1.4, USB Power Delivery 3.0, PVC-free, Mercury-free, EAEU RoHS

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Class	Class G
Energy Class (HDR)	Class G
Diagonal Size	40"
Viewable Size	39.53"
Daisy Chaining	Yes
Built-in Devices	KVM Switch, Gigabit Ethernet network adapter, USB 3.2 Gen 2 hub, webcam
USB Power Delivery	100 Watt
Panel Type	IPS
Aspect Ratio	21:9
Native Resolution	UWQHD 3440 x 1440 (DisplayPort: 120 Hz, HDMI: 100 Hz, USB-C: 120 Hz)
Pixel Pitch	0.26925 mm
Pixel Per Inch	94
Brightness	300 cd/m ²
Contrast Ratio	1200:1 / 50000000:1 (dynamic)
HDR Format	HDR10
Colour Support	16.7 million colours (8-bit)
Colour Gamut	102% NTSC (CIE 1976), 121% sRGB (CIE 1931)
Response Time	4 ms (grey-to-grey)
Vertical Refresh Rate	48 - 120 Hz
Horizontal Refresh Rate	30 - 190 kHz
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Backlight Technology	WLED
OSD Languages	Multilingual
Features	Picture in picture, picture by picture, PowerSensor, MultiView, SmartImage, Flicker Free technology, sRGB Color Space, LightSensor, EasyRead, Delta E<2 calibration, 3-sided bezelless, High Bit Rate 3 (HBR3), LowBlue Mode, MultiClient KVM, headphone hook, SmartUniformity 93 - 105%
Colour	Black
Dimensions (WxDxH)	94.4 cm x 28 cm x 62.8 cm - with stand (highest position)
Weight	14.12 kg

Miscellaneous

Features	Security lock slot (cable lock sold separately), textured finish
Cables Included	HDMI cable DisplayPort cable USB-C to USB-C / USB-A cable
MTBF	70,000 hour(s)
Compliant Standards	Plug and Play, FCC Class B certified, TUV GS, ICES-003, SEMKO, CB, TUV Ergo, DDC/CI, cETLus, CU-EAC, BFR-free, HDCP 2.2, HDCP 1.4, USB Power Delivery 3.0, PVC-free, Mercury-free, EAEU RoHS
Security Slot Type	Kensington security slot

Power

Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption (On mode)	40.2 W
Power Consumption SDR (On mode)	41 kWh/1000h

Power Consumption HDR (On mode)	60 kWh/1000h
Power Consumption Stand by	0.4 Watt
On / Off Switch	Yes

Software / System Requirements

Included Software	Philips SmartControl
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	20 - 80% RH

Audio

Type	Speakers - stereo
Output Power / Channel	5 Watt

Connectivity

Interfaces	DisplayPort 1.4 (HDCP 1.4, HDCP 2.2) HDMI (HDCP 1.4, HDCP 2.2) 2 x USB-C upstream (HDCP 1.4, HDCP 2.2, DisplayPort Alt Mode, power up to 100W) USB-C 3.2 Gen 2 downstream (data, power up to 15W) 3 x USB 3.2 Gen 2 downstream USB 3.2 Gen 2 downstream (BC 1.2) Audio line-in/out (mini-jack) LAN (RJ-45) DisplayPort output (HDCP 1.4, HDCP 2.2)
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Audio Input

Type	Microphone
Microphone Features	Noise-cancelling

Dimensions & Weight

Dimensions & Weight Details	With stand (highest position) - width: 94.4 cm - depth: 28 cm - height: 62.8 cm - weight: 14.12 kg Without stand - width: 94.4 cm - depth: 5.4 cm - height: 41.9 cm - weight: 9.9 kg
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Dimensions & Weight (Shipping)

Shipping Width	107 cm
Shipping Depth	22.6 cm
Shipping Height	50.7 cm
Shipping Weight	17.83 kg

Mechanical

Display Position Adjustments	Height, swivel, tilt
Tilt Angle	-5/+30
Swivel Angle	360
Height Adjustment	150 mm
VESA Mounting Interface	100 x 100 mm

Built-in Webcam

Sensor Resolution	5 Megapixel
Features	LED indicator, facial recognition for Windows Hello, Windows Hello compatible

Sustainability Information

TCO Certified	TCO Certified Edge Displays, TCO Certified Displays 9
ENERGY STAR Certified	Yes

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