PHILIPS

LCD monitor with USB-C

Business Monitor

3000 series

24 (23.8" / 60.47 cm diag.)

1920 x 1080 (Full HD)

24B2U3301



Redefining workflow productivity

This monitor delivers business efficiency. Not only is it equipped with essential features, but it also has ones that stand out like its 120hz refresh rate, SoftBlue, Flicker-Free, VESA mount, and more.

Designed for the way you work

- Built-in stereo speakers for multimedia
- Smart Link Sync: for uniform daisy-chained displays
- SmartErgoBase enables people-friendly ergonomic adjustments
- Eyesafe certified blue light protection and color accuracy
- Less eye fatigue with Flicker-free technology
- EasyRead mode for a paper-like reading experience
- SoftBlue Technology: for comfortable viewing

Single cable USB-C connection

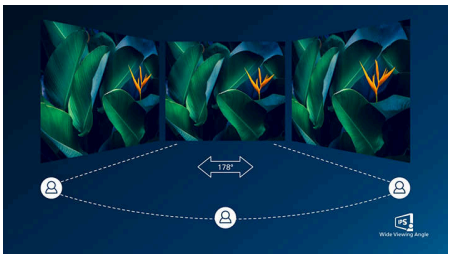
- RJ-45 to USB-C gives easy network connection with security
- USB 3.2 high speed data transfer

Superb Picture Quality

- 120Hz refresh rates for ultra-smooth images
- 16:9 Full HD display for crisp detailed images
- IPS LED wide view technology for image and color accuracy

Highlights

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.

16:9 Full HD display



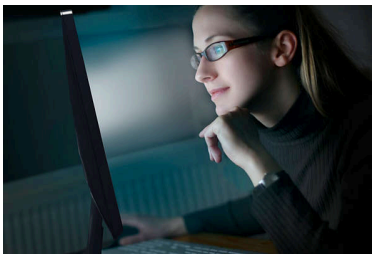
Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

120Hz Fast refresh



The smoother the motion, the less strain on your eyes. This Philips monitor is equipped with an improved 120Hz refresh rate. Whenever you scroll, switch between applications, or navigate complex spreadsheets, you experience smoother and more precise movements. That means you can work as long as you need with minimal visual fatigue—all while increasing the speed of your workflow.

SoftBlue Technology with Low Blue Light Panel



SoftBlue technology offers increased visual comfort and protection against adverse health effects caused by prolonged exposure to blue light. With the low blue-light panel, the ratio of display emission light in the range of 415-455 nm to 400-500nm is reduced to less than 50%. As a result, the SoftBlue technology provides optimal visual comfort, minimizes eye strain, and supports sustained focus. Not to mention, SoftBlue LED technology is tested and TÜV Rheinland Low Blue Light (Hardware Solution) certified for its effectiveness in reducing blue light emissions.

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.

Flicker-free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

EasyRead mode



Experience improved comfort and readability when reading long, text-heavy documents. EasyRead Mode creates a paper-like viewing experience that's gentler on your eyes by adjusting your display's colors and zoom levels which simulate the feeling of reading on real paper—right on your digital display.

eyesafe® CERTIFIED 2.0 (RPF 40)

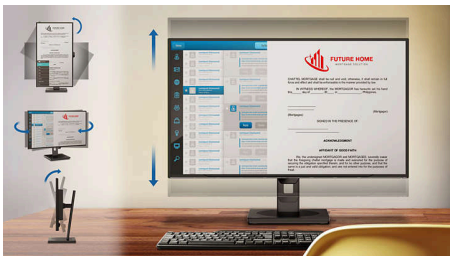


The Philips display meets the eyesafe® CERTIFIED 2.0 standard to truly protect you from the long exposure to blue light. The always-on blue light filter not only helps reduce digital eye strain, but also guarantees color integrity.

Wide Viewing Angle
Full HD 1080p
120Hz
SoftBlue Technology
Built-in Speaker
Flicker-free
EasyRead
eyesafe CERTIFIED 40 RPF40

Highlights

SmartErgoBase

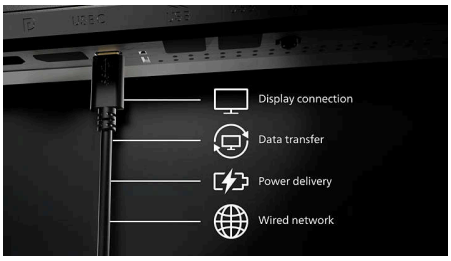


The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

High speed data transfer

USB 3.2 high speed data transfer

USB-C Docking with RJ45



Simplify all peripherals from monitor to PC using one-cable-docking USB Type-C connector, includes networking, high resolution video output from PC to monitor, and surfing on Internet without an additional network cable, even without 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.

Smart Link Sync



Easily create a seamless multi-monitor workspace with Smart Link Sync, designed to automatically align display settings across daisy-chained monitors. Whether you're designing, presenting, or multitasking, enjoy consistent brightness and color without manual tweaks. Choose from OSD Sync or Light Sync modes (Low, Mid, or High) on the primary monitor to match your environment. For identical monitors, any mode ensures uniform visuals; for mixed models, Light Sync intelligently adjusts luminance for a balanced, professional look across screens.

SmartErgo Base

Business Monitor

LCD monitor with USB-C

24B2U3301/75

Specifications

Picture/Display

Panel Size: 23.8 inch/60.47 cm
Aspect ratio: 16:9
LCD panel type: IPS technology
Backlight type: W-LED system
Pixel pitch: 0.2745(H)mm x 0.2745(V)mm
Brightness: 300 cd/m²
Display colors: 16.7M (8 bit)
Color gamut (typical): sRGB 110% , NTSC 96% *
Contrast ratio (typical): 1500:1
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: 1920x1080@120Hz
Effective viewing area: 527.04(H)x296.46(V) mm
Scanning Frequency: 30k-140 kHz (H) / 48-120 Hz (V)
sRGB
SoftBlue
Flicker-free
Pixel Density: 93 PPI
Display Screen Coating: Anti-Glare, 3H, Haze 25%
EasyRead
Adaptive sync (VRR)
EyeSafe
Smart Link Sync: When used as a primary or secondary monitor*

Connectivity

Signal Input: HDMI 1.4 x 1, DisplayPort 1.4 x 1, USB-C x 1 (upstream, DP Alt mode, Data, PD)
Sync Input: Separate Sync, Sync on Green
Audio (In/Out): Audio out
RJ45: Ethernet LAN (USB 2.0: 10M/100M; USB 3.0: 1000M), PXE/MAPT/WOL*
Signal Output: DP out
HDCP: HDCP 1.4 (HDMI / DisplayPort)
USB Hub: USB3.2, Gen1, 5G, upstream: 1x USB-C (Full) ,downstream: USB-A x4 (with x1 fast charge B.C 1.2)

Power Delivery

Max power delivery: Up to 90W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.5A)
Version: USB PD version 3.0

Convenience

Built-in Speakers: 2W x 2
Plug & Play Compatibility: DDC/CI, Mac OS, sRGB, Windows 11 / 10
User convenience: SmartImage, Input, Brightness, 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, VESA mount (100x100mm)
Control software: SmartControl

Stand

Height adjustment: 150 mm
Pivot: -/+90 degree
Swivel: -/+180 degree
Tilt: -5/30 degree

Power

ECO mode: 10.4 W (typ.)
Power supply: Built-in, 100-240VAC, 50-60Hz
Off mode: 0.3 W (typ)
On mode: 13.53 W (typ.) (EnergyStar test method)
Standby mode: 0.3 W (typ)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 690 x 395 x 124 mm
Product without stand (mm): 542 x 320 x 48 mm
Product with stand(max height): 542 x 499 x 228 mm

Weight

Product with packaging (kg): 7.75 kg
Product with stand (kg): 5.72 kg
Product without stand (kg): 3.70 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: Energy Star, EPEAT*, RoHS
Post consumer recycled plastic: 85%
Recyclable packaging material: 100 %
Specific Substances: PVC / BFR free housing

Compliance and standards

Regulatory Approvals: ETL, CEC, CB, TUV/GS, TUV Ergo, TCO Certified, TCO Certified Edge, EAC, EAEU RoHS, MEPS, CE Mark, UKCA, EMF, FCC, ICES-003, TÜV Rheinland Low Blue Light (Hardware Solution), eyesafe® CERTIFIED 2.0

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
* sRGB area based on CIE 1931, NTSC area based on CIE 1976 .
* EPEAT rating is valid only where Philips registers the product. Please visit https://www.epeat.net/ for registration status in your country.
* RJ45 supports PXE (Preboot eXecution Environment), MAC Address Pass-Through (MAPT) , and Wake on LAN (WOL) on compatible systems. Support may vary depending on system configuration.
* For Smart Link Sync to function properly, all daisy-chained monitors must be compatible with Smart Link.
* The products and accessories listed on this leaflet may differ by country and region.
* The monitor may look different from feature images.

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