PHILIPS

DUAL Mode monitor with USB-C

Curved Business monitor

5000 series

34" (86.21 cm)

5120x2160 (WUHD)

2560x1080 (WFHD)

34B2U5900C

Redefining workflow productivity

Whatever your day demands, this 34" VA dual resolution monitor adapts effortlessly. Its Dual Mode lets you switch between WUHD 5120x2160@120Hz for sharp detail, and WFHD 2560*1080@240Hz for fast, responsive performance.

Superb Picture Quality
• DisplayHDR 400 for more lifelike and outstanding visuals

Designed for the way you work
• Dual Mode: The flexibility for work and play
• MultiView enables simultaneous dual connection and view
• Eyesafe certified blue light protection and color accuracy
• SmartKVM: for easily switching between sources.
• SoftBlue Technology: for comfortable viewing

Single cable USB-C connection
• 140W USB-C docking to power your entire setup

Designed for sustainability
• LightSensor for the perfect brightness with minimal power
• PowerSensor saves up to 80% energy costs

Highlights

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.
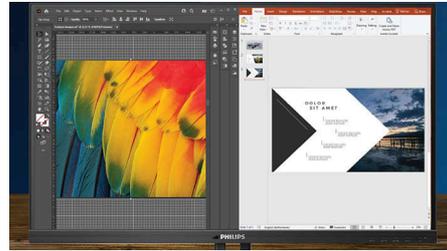
Dual Mode

Unlock peak performance with a monitor built for every moment. Switch between ultra-sharp WUHD (5120x2160) at 120Hz for detailed creative work, multitasking, and immersive visuals, or WFHD (2560*1080) at 240Hz for smoother, lower-latency gameplay. Whether you're deep in design or in the heat of a match,

this dual-mode display delivers the ideal balance of clarity and speed, tailored to how you work and play.

MultiView technology

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 multi-tasking.

SmartKVM

Unlike traditional built-in KVM monitor button, the smart KVM allows for switching between sources with the click of a button on your keyboard. When all devices are properly connected, users can easily switch between sources by clicking the "Ctrl" key three times.

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.

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.
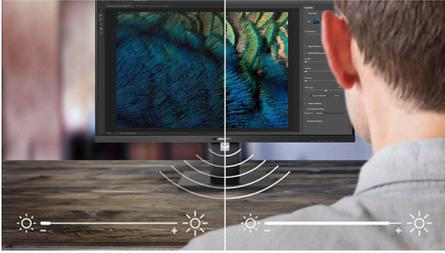
VESA CERTIFIED DisplayHDR™ 400 · Dual Mode · Multiview · SoftBlue Technology · eyesafe CERTIFIED RPF40 · PowerSensor · LightSensor · USB-C Docking

Highlights

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

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.

USB-C docking with 140W power

Power a single-cable setup from this monitor to your PC or notebook with a USB 3.1 Type-C docking connection. One connection consolidates data transfer, high-resolution video output from PC to monitor, wired networking without the need for a LAN port on your notebook, and up to 140W of high-power delivery for fast charging. The result is a flexible, all-in-one docking experience ideal for any modern environment.

21:9
Curved
Ultrawide

Specifications

Picture/Display

Panel Size: 34inch/86.21cm
Aspect ratio: 21:9
LCD panel type: VA LCD
Backlight type: W-LED system
Pixel pitch: 0.15534 (W)x0.15405(H) mm
Brightness: 350 (SDR)cd/m², 450 (HDR) cd/m²
Display colors: 16.7 M (8 bit)
Color gamut (typical): NTSC: 111%, sRGB: 122% , DCI-P3: 95% , Adobe RGB: 83% *
Contrast ratio (typical): 3000:1
SmartContrast: 80,000,000:1
Response time (typical): 2 ms (Gray to Gray)*
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 5120x2160@120Hz (HDMI/DP/USB-C)
Effective viewing area: 795.34(H) x 332.75(V)mm 1500R curvature*
Scanning Frequency: WUHD mode: 30 - 270 kHz (H) / 48 - 120 Hz (V) WFHD mode: 30 - 270 kHz (H) / 48 - 240 Hz (V)
sRGB
Delta E: < 1 (for sRGB)
SoftBlue
Flicker-free
Pixel Density: 164 PPI
Display Screen Coating: Anti-Glare, 3H, Haze 25%
SmartUniformity: 93 ~ 105%
EasyRead
Adaptive sync
HDR: VESA HDR 400
Dual mode: WUHD 5120x2160@120Hz / WFHD 2560x1080@240Hz
EyeSafe

Connectivity

Signal Input: HDMI 2.1 x 2, 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 (10M/100M/1G/2.5G)
HDCP: HDCP 1.4 (HDMI / DisplayPort / USB-C); HDCP 2.3 (HDMI / DisplayPort / USB-C)
HBR3: HBR 3
USB Hub: USB3.2, Gen2, 10G upstream: USB-C1(Full)/USB-C2 downstream: USB-A x3 (with x1 fast charge B.C 1.2), USB-C3(data), USB-C4(15W, data)

Power Delivery

Max power delivery: Up to 140W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.8A, 28V/5A)
Version: USB PD version 3.1

Convenience

Built-in Speakers: 5 W x 2
Plug & Play Compatibility: DDC/CI, Mac OS, sRGB, Windows 11 / 10
User convenience: 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: 2x devices, PIP/PBP mode
SmartKVM: Yes (USB-C1/USB-C2)

Stand

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

Power

ECO mode: 25.0 W (typ.)
Power supply: Built-in, 100-240VAC, 50-60Hz
Off mode: Zero watts with AC switch
On mode: 37.35 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): 980 x 525 x 188 mm
Product without stand (mm): 807 x 369 x 112 mm
Product with stand(max height): 807 x 575 x 281 mm

Weight

Product with packaging (kg): 15.81 kg
Product with stand (kg): 10.68 kg
Product without stand (kg): 7.89 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, Energy Star, EPEAT*, RoHS
Post consumer recycled plastic: 85%+OBP 5%
Recyclable packaging material: 100 %
Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

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

Cabinet

Finish: Texture
Foot: Silver
Front bezel: Charcoal
Rear cover: Charcoal

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* Radius of the arc of the display curvature in mm
* Response time value equal to SmartResponse
* NTSC Area based on CIE1976, sRGB Area based on CIE1931, DCI-P3 Coverage based on CIE 1976 , Adobe RGB Coverage based on CIE 1931
* 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.
* 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.
* The products and accessories listed on this leaflet may differ by country and region.

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