Philips Brilliance
LCD monitor with Ultra
Wide-Color

P Line
24 (23.8" / 60.5 cm diag.)
Full HD (1920 x 1080)

Brilliance

241P8QPJEB

Clear vision from edge-to-edge

The Philips Brilliance 24'' monitor delivers outstanding picture quality while saving energy. Expand your view with the frameless IPS display. Hideaway PowerSensor conserves energy for smart use.

Brilliant performance
- Narrow border display for a seamless appearance
- IPS technology for full colors and wide viewing angles
- Ultra Wide-Color wider range of colors for a vivid picture

Designed for comfortable productivity
- SmartErgoBase enables people-friendly ergonomic adjustments
- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology
- EasyRead mode for a paper-like reading experience

Features for the way you work
- Built-in stereo speakers for multimedia
- DisplayPort connection for maximum visuals

Sustainable Eco-design
- Hideaway PowerSensor saves up to 80% energy costs
- LightSensor for the perfect brightness with minimal power
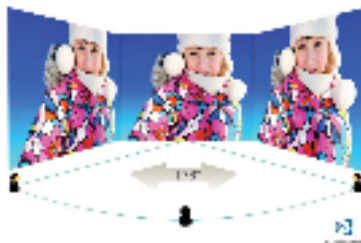
PHILIPS

Highlights

UltraNarrow Border

The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

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 - even in 90 degree Pivot mode! 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.

Ultra Wide-Color Technology

Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture.

Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.

LowBlue Mode

Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

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

EasyRead mode for a paper-like reading experience

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.

Hideaway PowerSensor

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 then user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life. The new Hideaway PowerSensor can be folded out of the way for multiple monitor tiling set-ups.

Specifications

Picture/Display
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 23.8 inch / 60.5 cm
- Effective viewing area: 527 (H) x 296.5 (V)
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Pixel Density: 93 PPI
- Response time (typical): 5 ms (Gray to Gray)*
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.275 x 0.275 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Color gamut (typical): NTSC 109%*, sRGB 128%*
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 50 - 76 Hz (V)
- sRGB
- SmartUniformity: 97~102%
- Delta E: < 2
- EasyRead
- LowBlue Mode

Connectivity
- Signal Input: VGA (Analog), DisplayPort 1.2, HDMI 1.4
- Sync Input: Separate Sync, Sync on Green
- USB: USB 3.0x4 (1 w/fast charging)*
- Audio (In/Out): PC audio-in, Headphone out

Convenience
- Built-in Speakers: 2 W x 2
- User convenience: SmartImage, Input, PowerSensor, Menu, Power On/Off
- Control software: SmartControl
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukranian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand
- Height adjustment: 150 mm

- Pivot: 90 degree
- Swivel: -175/175 degree
- Tilt: -5/30 degree

Power
- ECO mode: 10.2 W (typ.)
- On mode: 13 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: < 0.3 W (typ.)
- Off mode: Zero watts with Zero switch
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions
- Product with stand(max height): 540 x 443 x 257 mm
- Product without stand (mm): 540 x 313 x 48 mm
- Packaging in mm (WxHxD): 603 x 469 x 224 mm

Weight
- Product with stand (kg): 6.03 kg
- Product without stand (kg): 3.61 kg
- Product with packaging (kg): 8.43 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability
- Environmental and energy: PowerSensor, LightSensor, EnergyStar 7.0, EPEAT Gold*, RoHS, TCO certified, WEEE
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 85%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

Compliance and standards
- Regulatory Approvals: CCC, CECP, EPA

Cabinet
- Front bezel: Black
- Rear cover: Black
- Foot: Black
- Finish: Texture

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.
* Fast charging complies with USB BC 1.2 standard
* Response time value equal to SmartResponse
* NTSC Area based on CIE1976
* sRGB Area based on CIE 1931