PHILIPS

Full HD LCD monitor

Monitor

2000 series

24 (23.8" / 60.5 cm diag.)

1920 x 1080 (Full HD)

24E2G2201

Well-equipped for any task

This monitor is packed with features that allow you to work with absolute precision. Its Full HD resolution, along with an overclockable 180Hz refresh rate and 0.5ms MPRT, this monitor showcases detailed imagery with the utmost definition.

Features designed for you

- Ultra Slim Bezel: for minimal edges and more screen.
- EasyRead mode for a paper-like reading experience
- LowBlue mode and Flicker-free easy-on-the eyes viewing

Good for Gaming

- 180Hz refresh rates for ultra-smooth, brilliant images
- 0.5 ms ultra-fast speed for crisp image and smooth gameplay
- Effortlessly smooth action with Adaptive-Sync technology

Easy to experience

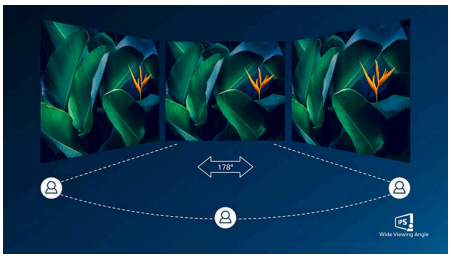
- VESA mount for convenience
- HDMI ensures universal digital connectivity

Superb Picture Quality

- SmartContrast for deep black level details
- 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.

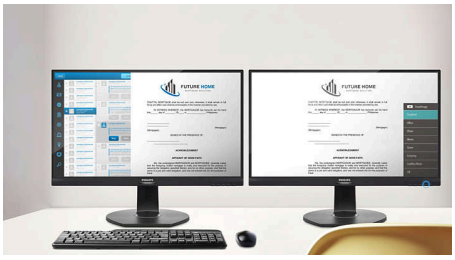
SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

LowBlue Mode & Flicker-free

Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

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.

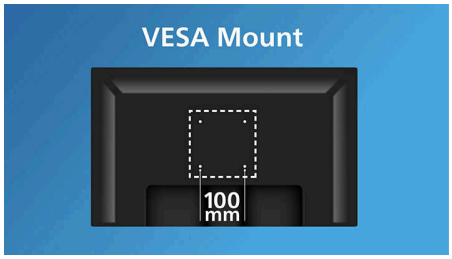
Ultra Slim Bezel

This monitor makes your viewing experience feel more seamless and complete by reducing the amount of frame surrounding the screen. The Ultra Slim Bezel feature makes for an elegant transition from the screen to the narrow monitor bezel; thereby making it more beautiful in form and function.

HDMI Ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

VESA mount for convenience



Industry-standard VESA mounting holes ensure compatibility with most small form factor PCs and thin clients.

Wide Viewing Angle | Full HD 1080p | SmartContrast | LowBlue Mode | EasyRead | Ultra Slim Bezel | HDMI | 180 Hz Overclock

Highlights

Adaptive-Sync technology

Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra fast response time.

Overclockable 180Hz refresh rate

You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. This Philips monitor offers an overclockable 180Hz refresh rate, effectively faster than a standard display. You get those critical missing images on the screen which shows enemy movement in ultra-smooth motion so you can easily target them.

0.5 ms MPRT response

Philips display with 0.5 ms MPRT effectively eliminates smearing and motion blur, delivers shaper and precise visuals to enhance gaming experience. Fast-moving action and dramatic transitions will be rendered smoothly. Best choice for playing thrilling and twitch-sensitive games.

Monitor

Full HD LCD monitor

24E2G2201/27

Specifications

Picture/Display

Panel Size: 23.8 inch / 60.5 cm
Aspect ratio: 16:9
LCD panel type: IPS technology
Backlight type: W-LED system
Pixel pitch: 0.2745 x 0.2745 mm
Brightness: 300 cd/m²
Display colors: 16.7 M
Color gamut (typical): DCI-P3: 90.4%, sRGB: 99.6%, NTSC 81.4%, Adobe RGB 86.5%.*
Contrast ratio (typical): 1500:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4 ms (Gray to Gray)*
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 1920x1080 @ 180 Hz (overclock*)
Effective viewing area: 527.04 (H) x 296.46 (V) mm
Scanning Frequency: 30KHz-200KHz(H), 48Hz-144 Hz (V)(Overclock* Off), 55Hz-180Hz (V) (Overclock* On)
sRGB
Flicker-free
Pixel Density: 92.95 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
MPRT: 0.5 ms*
EasyRead
Adaptive sync (VRR)
HDR: HDR 10

Connectivity

Signal Input: HDMI 2.0 x 1, DP 1.4 x1
Audio (In/Out): Audio out
HDCP: HDCP1.4 (HDMI/DP), HDCP2.2 (HDMI/DP)

Convenience

Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10
User convenience: Power On/Off, Menu, Brightness, Input, SmartImage
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, Ukrainian
Other convenience: Kensington lock, VESA mount (100x100mm)

Stand

Tilt: -5/20 degree

Power

Power supply: External, 100-240VAC, 50-60Hz
Off mode: 0.3 W (typ.)
On mode: 16 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 615 x 420 x 126 mm
Product without stand (mm): 544 x 319 x 32 mm
Product with stand(max height): 544 x 413x 180 mm

Weight

Product with packaging (kg): 4.66 kg
Product with stand (kg): 2.46 kg
Product without stand (kg): 2.18 kg

Operating conditions

Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
Temperature range (operation): 0 to 40 °C
MTBF: 50,000 hrs (excluding backlight) hour(s)
Relative humidity: 20%-80 %
Temperature range (storage): -20 to 60 °C

Sustainability

Environmental and energy: RoHS, Mercury Free
Recyclable packaging material: 100 %

Compliance and standards

Regulatory Approvals: CB, CE Mark, UKCA, EMF, FCC, ICES-003, cETLus, CEC, WEEE

Cabinet

Color: Black
Finish: Textured

* Response time value equal to SmartResponse
* Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.
* MPRT is to adjust brightness for blur reduction, so cannot adjust brightness while MPRT is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.
* MPRT is gaming-optimized mode. Turn on MPRT may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function.
* The Overclock function increases the native refresh rate, however, it does have some associated risks along with it.If the screen is displayed abnormally after rebooting, please switch off the Overclock setting located in the monitor's OSD menu.
* 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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