

Quad HD monitor

Monitor

1000 series

27" (68.6 cm)

2560 x 1440 (Quad HD)

27E2N1500L



Built for precision

This monitor is packed with features that allow you to work with absolute precision. Its Quad HD resolution, along with HDR and IPS display, this monitor showcases detailed imagery with the utmost color accuracy.

Features designed for you

- EasyRead mode for a paper-like reading experience
- LowBlue mode and Flicker-free easy-on-the eyes viewing

Easy to experience

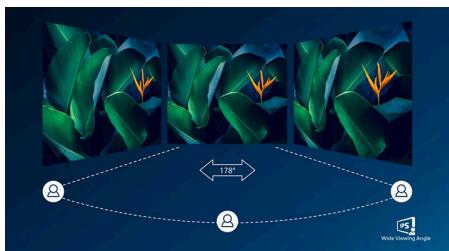
- VESA mount for convenience
- HDMI ensures universal digital connectivity

Superb Picture Quality

- SmartContrast for deep black level details
- IPS LED wide view technology for image and color accuracy
- Crystalclear images with Quad HD 2560 x 1440 pixels
- Effortlessly smooth action with Adaptive-Sync technology
- High Dynamic Range (HDR) for more lifelike colorful visuals

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.

Crystalclear images



These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions,

using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

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.

High Dynamic Range (HDR)



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 display, giving you a visual experience that engages your senses and inspires emotions.

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.

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.



Wide Viewing Angle



Quad HD



SmartContrast



HDR



Adaptive-Sync



LowBlue Mode



EasyRead



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Highlights

EasyRead mode



EasyRead mode for a paper-like reading experience

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



VESA mount for convenience



Wide Viewing Angle



Quad HD



SmartContrast



HDR



Adaptive Sync



LowBlue Mode

Specifications

Picture/Display

Panel Size: 27"/68.6cm
Aspect ratio: 16:9
LCD panel type: IPS technology
Backlight type: W-LED system
Pixel pitch: 0.2331 x 0.2331 mm
Brightness: 300 cd/m²
Display colors: 16.7 M
Contrast ratio (typical): 1000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4 ms (Gray to Gray)*
Viewing angle: 178° (H) / 178° (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 2560x1440 @ 75 Hz
Effective viewing area: 596.736 (H)x335.664 (V) mm
Scanning Frequency: 30kHz-114kHz (H) /48-75Hz (V)
sRGB
Flicker-free
Pixel Density: 108.79 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
EasyRead
Adaptive sync
HDR: HDR 10

Connectivity

Signal Input: DP 1.4 x 1, HDMI 1.4 x 1
HDCP: HDCP 1.4 (HDMI / DisplayPort)

Convenience

Plug & Play Compatibility: DDC/CI, Mac OS, 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: 20.32 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 690 x 420 x126 mm
Product without stand (mm): 614 x 363 x 35 mm
Product with stand(max height): 614 x 457 x 200 mm

Weight

Product with packaging (kg): 5.44 kg
Product with stand (kg): 3.19 kg
Product without stand (kg): 2.82 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
Recyclable packaging material: 100 %

Compliance and standards

Regulatory Approvals: CB, CE Mark, ETL, CEC, TUV/ISO9241-307, TUV-BAUART, EAC, EAC ROHS, MEPS, PSB, CEL, CCC, CECP, BSMI, UKCA, EMF, FCC, ICES-003

Cabinet

Color: Black
Finish: Textured

