PHILIPS

USB-C monitor

Monitor

3000 series

32 (31.5"/80 cm diag.)

2560 x 1440 (QHD)

32E1N3600LA

Simplify your connections with USB-C

This Philips USB-C multi-purpose monitor offers clutter-free setup. With a single cable you can view smooth high-resolution video, transfer data and charge your laptop. A true hub for mobile professionals.

Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- Built-in stereo speakers for multimedia
- EasyRead mode for a paper-like reading experience
- Cable management reduces cable clutter for a neat workspace
- LowBlue mode and Flicker-free easy-on-the eyes viewing

Single cable USB-C connection

- Connect your notebook with one USB-C cable

Superb Picture Quality

- SmartContrast for rich black details
- Crystal clear images with Quad HD 2560 x 1440 pixels
- SmartImage game mode optimised for gamers
- Effortlessly smooth gameplay with AMD FreeSync™ technology
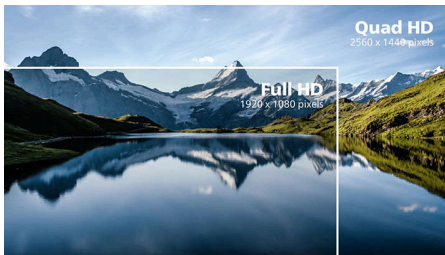- 1 ms (MPRT) fast response for crisp images and smooth gameplay
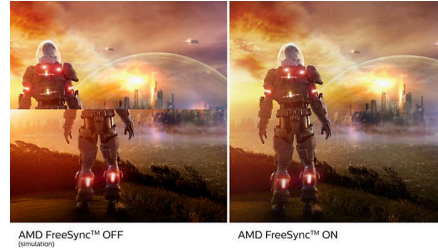
Highlights

USB-C connection

This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high-resolution video and transfer data at super speed, while powering up and recharging your compatible device at the same time.

CrystalClear images

Quad HD
2560 x 1440 pixels
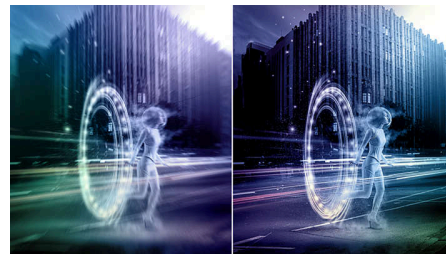
Full HD
1930 x 1080 pixels

These Philips screens deliver CrystalClear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high performance panels with a high-density pixel count enabled by high bandwidth sources, these new displays will make your images and graphics come alive. Whether you are a 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.

Ultra-smooth gaming

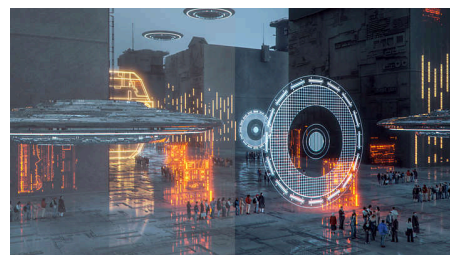AMD FreeSync™ OFF (simulation)

AMD FreeSync™ ON

Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artefact-free performance at virtually any frame rate with AMD FreeSync™ technology, smooth, quick refresh and ultra-fast response time.

1 ms MPRT fast response

MPRT (motion picture response time) is a more intuitive way to describe response time, which directly refers to the duration between seeing blurry noise and clean, crisp images. The Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur and delivers sharper and more precise visuals to enhance your gaming experience. The best choice for playing thrilling and twitch-sensitive games.

SmartImage Game mode

The new Philips gaming display has quick-access OSD fine-tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode

adapts the display with the fastest response time and high colour, along with image adjustments. "RTS" mode (Real-time strategy) has a special SmartFrame mode that enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customised settings based on different games, ensuring best performance.
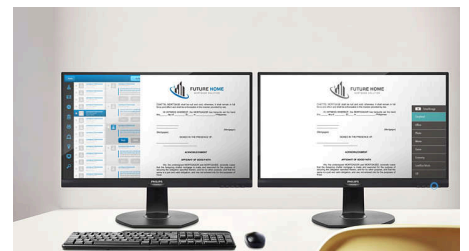
LowBlue Mode and Flicker-free

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.

Built-in stereo speakers

A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

EasyRead mode

EasyRead mode for a paper-like reading experience

Quad HD   AMD FreeSync   Fast Response 1ms MPRT   SmartImage Game   LowBlue Mode   Built-in Speaker   EasyRead   EasySelect
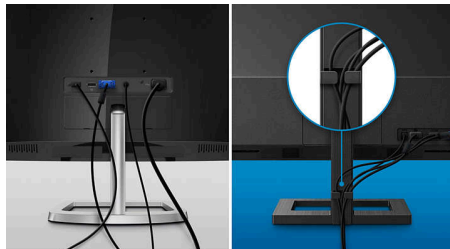
Highlights

EasySelect Menu Toggle Key

The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

Cable management

Cable management is an intimate design that maintains a tidy workspace by organising the cables and wires required for the operation of a display device.

SmartContrast

SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours 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.

Quad HD AMD FreeSync Fast Response 1ms MPRT SmartImage Game LowBlue Mode Built-in Speaker

Specifications

Picture/Display

Panel Size: 31.5 inch/80 cm
Aspect ratio: 16:9
LCD panel type: VA LCD
Backlight type: W-LED system
Pixel pitch: 0.2724 x 0.2724 mm
Brightness: 300 cd/m²
Display colours: 16.7 M
Colour gamut (typical): NTSC 97.4%*, sRGB 122%*
Contrast ratio (typical): 3000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4 ms (Grey to Grey)*
Viewing angle: 178º (H)/178º (V), @ C/R > 10
Picture enhancement: SmartImage game
Maximum resolution: 2560 x 1440 @ 75 Hz*
Effective viewing area: 697.344 (H) x 392.256 (V)
Scanning Frequency: 30–114 kHz (H)/48–75 Hz (V)
sRGB
Flicker-free
Pixel Density: 93.24 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
MPRT: 1 ms
EasyRead
AMD FreeSync™ technology

Connectivity

Signal Input: HDMI 1.4 x 2, DisplayPort 1.2 x 1, USB-C 3.2 Gen 1 x 1 (upstream, Power Delivery up to 65 W)
Sync Input: Separate Sync
Audio (In/Out): Audio out
USB:: USB 3.2 x 4 (with 1 fast charge B.C 1.2)
HDCP: HDCP 1.4 (HDMI/DisplayPort/USB-C)

USB

Power delivery: USB PD version 3.0
Super speed: Data and Video transfer
DP: Built-in Display Port Alt mode
USB-C max. power delivery: Up to 65 W (5V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/3.25A)
USB-C: Reversible plug connector

Convenience

Built-in Speakers: 5 W x 2
Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
User convenience: Power On/Off, Menu, Volume, Input, SmartImage Game

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 (100 x 100 mm)

Stand

Tilt: -5/20 degree

Power

Power supply: Internal, 100–240 VAC, 50–60 Hz
Off mode: 0.3 W (typ.)
On mode: 46.3 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode - White (flashing)
Energy Label Class: G

Dimensions

Packaging in mm (W x H x D): 930 x 517 x 162 mm
Product without stand (mm): 715 x 420 x 62 mm
Product with stand (max height): 715 x 514 x 248 mm

Weight

Product with packaging (kg): 11.57 kg
Product with stand (kg): 8.89 kg
Product without stand (kg): 7.21 kg

Operating conditions

Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
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 %
Specific Substances: Mercury free, PVC/BFR free housing

Compliance and standards

Regulatory Approvals: CB, CE Mark, CU-EAC, EAEU RoHS, FCC Class B, ICES-003, TUV/ISO9241-307, TUV-BAUART

Cabinet

Colour: Black
Finish: Textured

What's in the box?

Cables: HDMI cable, USB-C to USB-C cable, Power cable
Monitor with stand
User Documentation

* The maximum resolution works for either USB-C, DP or HDMI input.
* For best output performance, please always ensure that your graphic card is capable of achieving the maximum resolution and refresh rate of this Philips display.
* Response time value equal to SmartResponse
* MPRT adjusts the brightness for blur reduction, so the brightness cannot be adjusted while MPRT is turned on. To reduce motion blur, the LED backlight will strobe in time with the screen refresh rate, which may cause a noticeable change in brightness.
* MPRT is a gaming-optimised mode. Turning on MPRT may cause noticeable screen flickering. It is recommended to turn this mode off when you are not using the gaming function.
* NTSC Area based on CIE 1976
* sRGB Area based on CIE1931
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* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode
* 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.
* The monitor may look different from feature images.

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