

PHILIPS

4K UHD monitor

Monitor

5000 series

32 (31.5" / 80 cm diag.)

3840 x 2160 (4K UHD)

32E1N5800LA



Striking design, vibrant colors

Elevate your viewing experience for work and play with Philips. UltraClear 4K VA display delivers accurate color and image reproduction from any angle. Ergonomic slim-frame with cable management offers a stylish enhancement to your workspace

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
- MultiView enables simultaneous dual connection and view
- Cable management reduces cable clutter for neat workspace
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Tilt, pivot and height-adjust for an ideal viewing position

Superb Picture Quality

- SmartContrast for rich black details
- VA display delivers awesome images with wide viewing angles
- UltraClear 4K UHD (3840x2160) resolution for precision
- SmartImage game mode optimized for gamers

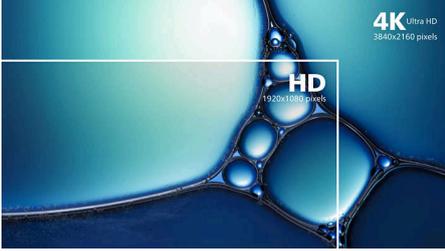
Monitor

4K UHD monitor

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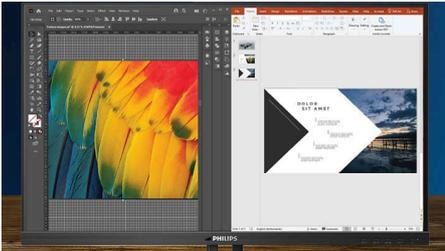
Highlights

UltraClear 4K UHD Resolution



These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

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.

Built-in stereo speakers



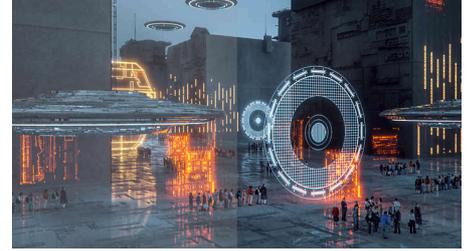
A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

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.

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 display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

Compact Ergo Base



The Compact Ergo Base is a people-friendly Philips monitor base that tilts, pivot and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.



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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.

Cable management



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

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.



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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: 0.18159 x 0.18159 mm
Brightness: 300 cd/m²
Display colors: 1.07 B (8 bits + FRC)
Color gamut (typical): NTSC 92.37%*, sRGB 101.87%*
Contrast ratio (typical): 3500:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4 ms (Gray to Gray)*
Viewing angle: 178° (H) / 178° (V), @ C/R > 10
Picture enhancement: SmartImage game
Maximum resolution: 3840 x 2160 @ 60 Hz*
Effective viewing area: 697.306 (H) x 392.234 (V)
Scanning Frequency: 30 - 140 kHz (H) / 23 - 75 Hz (V)
sRGB
Delta E: < 2 (sRGB)
Flicker-free
Pixel Density: 139.87 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
SmartUniformity: 93% ~ 105%
EasyRead
HDR: HDR 10 supported

Connectivity

Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1
Audio (In/Out): Audio out, PC audio-in
HDCP: HDCP 2.2 (HDMI / DisplayPort)

Convenience

Built-in Speakers: 5W x 2
Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10
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 (100x100mm)
MultiView: 2x devices, PIP/PBP mode

Stand

Height adjustment: 130 mm
Pivot: -/+ 90 degree
Tilt: -5/20 degree

Power

Power supply: Internal, 100-240VAC, 50-60Hz
Off mode: 0.3 W (typ.)
On mode: 54.4 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode - White (blinking)

Dimensions

Packaging in mm (WxHxD): 930 x 517 x 162 mm
Product without stand (mm): 715 x 420 x 62 mm
Product with stand(max height): 715 x 584 x 282 mm

Weight

Product with packaging (kg): 11.60 kg
Product with stand (kg): 9.30 kg
Product without stand (kg): 7.19 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 %
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

Color: Black
Finish: Textured



* NTSC Coverage based on CIE1976

* sRGB Area based on CIE1931

* The maximum resolution works for either HDMI input or DP input.

* Response time value equal to SmartResponse

* The monitor may look different from feature images.