

Philips Monitor  
4K UHD monitor

**5000 series**  
32 (31.5" / 80 cm diag.)  
3840 x 2160 (4K UHD)

**32E1N5800L**



## 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

### Superb Picture Quality

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

### Features designed for you

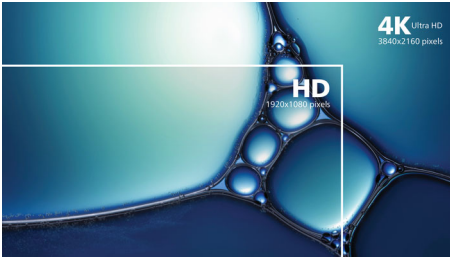
- MultiView enables simultaneous dual connection and view
- EasyRead mode for a paper-like reading experience
- Tilt, pivot and height-adjust for an ideal viewing position
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- EasySelect menu toggle key for quick on-screen menu access
- Cable management reduces cable clutter for neat workspace

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# Highlights

## UltraClear 4K UHD Resolution



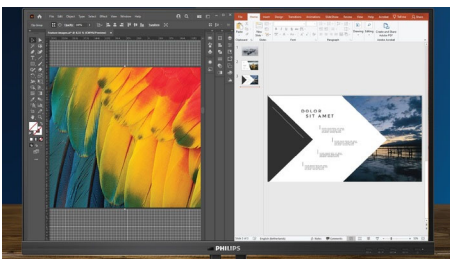
These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips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

## 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.

## 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.

## LowBlue Mode & Flicker-free



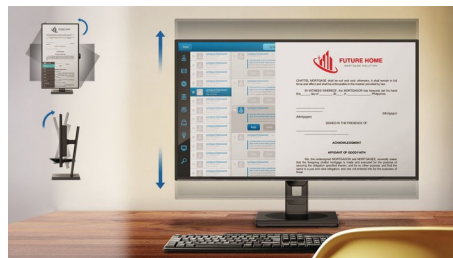
Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

## 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.

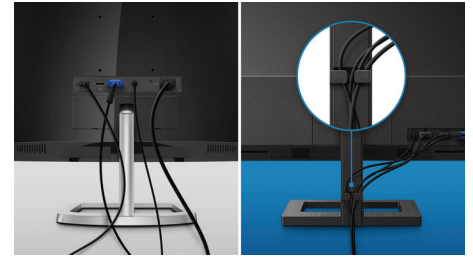
## Compact Ergo Base



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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## 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.

## 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.

**4K**  
Ultra HD

  
MultiView

  
Compact Ergo Base

  
SmartImage<sup>™</sup>  
Game

  
LowBlue Mode

  
Flicker-free

  
EasySelect

  
SmartContrast

**HDMI**<sup>™</sup>  
HIGH DEFINITION MULTIMEDIA INTERFACE

# Specifications

## Picture/Display

- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 31.5 inch / 80 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 697.306 (H) x 392.234 (V)
- Aspect ratio: 16:9
- Maximum resolution: 3840 x 2160 @ 60 Hz\*
- Pixel Density: 139.87 PPI
- Response time (typical): 4 ms (Gray to Gray)\*
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 3500:1
- SmartContrast: Mega Infinity DCR
- Pixel pitch: 0.18159 x 0.18159 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage game
- Color gamut (typical): NTSC 88.59%\*, sRGB 100%\*
- Display colors: 1.07 B (8 bits + FRC)
- Scanning Frequency: 30 - 140 kHz (H) / 23 - 75 Hz (V)
- LowBlue Mode
- EasyRead
- sRGB
- HDR: HDR 10 supported

## Connectivity

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

## Convenience

- 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)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7
- MultiView: 2x devices, PIP/PBP mode

## Stand

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

## Power

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

## Dimensions

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

## Weight

- Product with stand (kg): 8.48 kg
- Product without stand (kg): 6.37 kg
- Product with packaging (kg): 10.56 kg

## Operating conditions

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

## 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

## Design

- Designed in Amsterdam, NL

## What's in the box?

- Cables: HDMI cable, Power cable



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Version: 7.2.1

12 NC: 8670 001 89652  
EAN: 69 51613 92428 0

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\* The maximum resolution works for either HDMI input or DP input.  
\* Response time value equal to SmartResponse  
\* NTSC Area based on CIE1976  
\* sRGB Coverage based on CIE1931  
\* The monitor may look different from feature images.