

# PHILIPS

4K UHD monitor

Monitor

1000 series

31.5" (80 cm)

3840 x 2160 (4K UHD)

32E1N1800LA



## Work in style

This 32-inch monitor is made for clear visuals with its UltraClear 4K UHD resolution, HDR imagery, and VA display. With all these features in mind, you can expect images that are high-quality and crisp.

### Features designed for you

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

### Easy to experience

- Built-in stereo speakers for multimedia
- VESA mount for convenience
- HDMI ensures universal digital connectivity
- DisplayPort connection for maximum visuals

### Superb Picture Quality

- VA display gives awesome images with wide viewing angle
- UltraClear 4K UHD (3840x2160) resolution for precision
- High Dynamic Range (HDR) for more lifelike colorful visuals

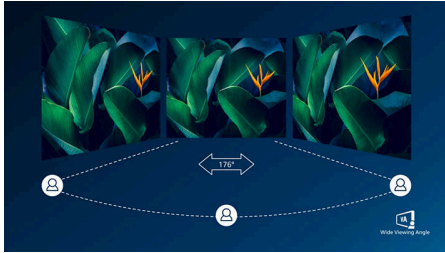
# Monitor

4K UHD monitor

32E1N1800LA/75

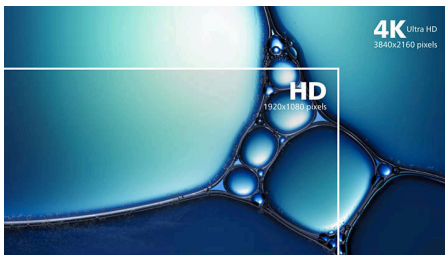
## Highlights

### VA display



Philips VA LED display uses an advanced vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 176/176 degree extra wide viewing angle, resulting in crisp images.

### 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.

### 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.

### 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



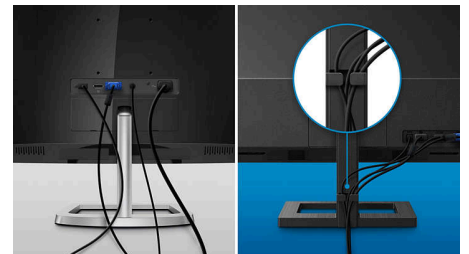
EasyRead mode for a paper-like reading experience

### 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 tidy workspace by organizing cables and wires required for the operation of a display device.

### 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.



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## Highlights

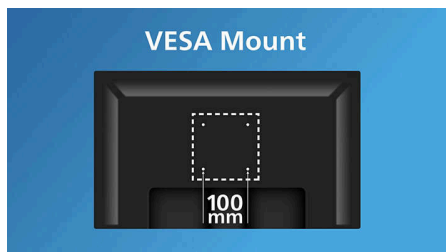
### DisplayPort connection



DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the

demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

### VESA mount for convenience



VESA mount for convenience

### 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).



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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:** 0.18159x0.18159mm  
**Brightness:** 300 cd/m<sup>2</sup>  
**Display colors:** 1.07B (8bit+Hi-FRC)  
**Color gamut (typical):** Adobe RGB 85.2%; DCI-P3:80.91%, sRGB: 101.87%, NTSC 88.59% \*  
**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  
**Maximum resolution:** 3840 x 2160 @ 60 Hz  
**Effective viewing area:** 697.306(H)x392.234(V)mm  
**Scanning Frequency:** 30k - 140kHz (H) / 40 - 60Hz (V)  
**sRGB**  
**Delta E:** <2 (sRGB)  
**Flicker-free**  
**Pixel Density:** 139.87 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**SmartUniformity:** 95%-102%  
**EasyRead**  
**HDR:** HDR 10 supported

### Connectivity

**Signal Input:** HDMI2.0x 2, DisplayPort1.4x 1  
**Audio (In/Out):** Audio out  
**HDCP:** HDCP 1.4 (HDMI/DisplayPort), HDCP 2.2(HDMI/DisplayPort)

### Convenience

**Built-in Speakers:** 2 W x 2  
**Plug & Play Compatibility:** DDC/CI, Mac OS X, Windows 11 / 10  
**User convenience:** Power On/Off, Menu, Volume, Input  
**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), Cable management

### Stand

**Tilt:** -5/20 degree

### Power

**Power supply:** Internal, 100-240VAC, 50-60Hz  
**Off mode:** 0.3 W (typ.)  
**On mode:** 34.9 W (typ.)  
**Standby mode:** 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode- White (blinking)

### Dimensions

**Packaging in mm (WxHxD):** 870 x 512 x 140 mm  
**Product without stand (mm):** 714 x 419 x 52 mm  
**Product with stand(max height):** 714 x 512 x 261 mm

### Weight

**Product with packaging (kg):** 9.68 kg  
**Product with stand (kg):** 7.39 kg  
**Product without stand (kg):** 6.25 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:** PVC / BFR free housing

### Compliance and standards

**Regulatory Approvals:** CB, CE Mark, TUV/ISO9241-307, TUV-BAUART, EAEU RoHS, MEPS, PSB, BSMI, EMF, FCC, UKCA, EAC

### Cabinet

**Color:** Black  
**Finish:** Textured

