

# 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 a 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 a wide viewing angle
- UltraClear 4K UHD (3840 x 2160) resolution for precision
- High Dynamic Range (HDR) for more lifelike colourful visuals

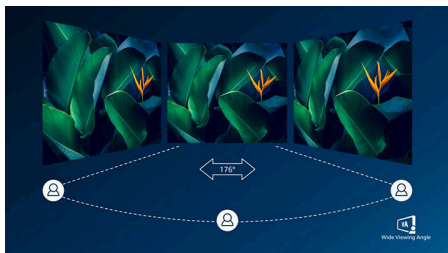
# Monitor

4K UHD monitor

32E1N1800LA/01

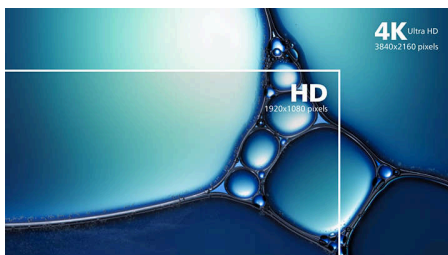
## Highlights

### VA display



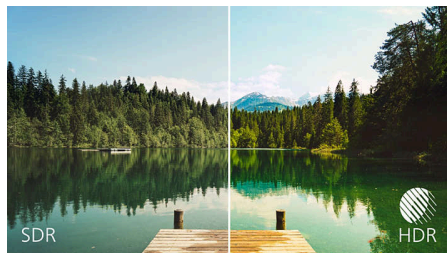
The Philips VA LED display uses an advanced vertical alignment technology that gives you super-high static contrast ratios for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphical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

### UltraClear 4K UHD Resolution



These Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a demanding professional requiring extremely detailed images for CAD solutions, a user of 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 colour, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colours never before seen on a display, giving you a visual experience that engages your senses and inspires emotions.

### 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.

### EasyRead mode



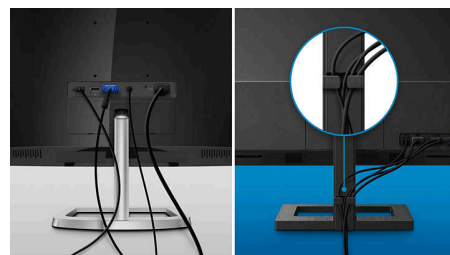
EasyRead mode for a paper-like reading experience

### 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 a tidy workspace by organising the 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. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.



## Highlights

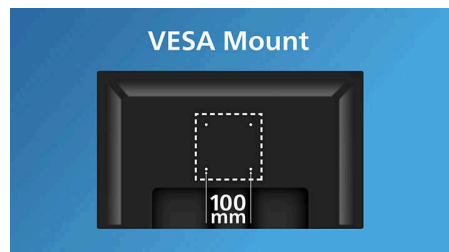
### DisplayPort connection



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 15 metre 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 more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the 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. An HDMI cable enables high-quality digital video and audio to be 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).



# Monitor

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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/m<sup>2</sup>  
**Display colours:** 1.07 B (8 bit + Hi-FRC)  
**Colour 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 (Grey to Grey)\*  
**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) x 392.234 (V) mm  
**Scanning Frequency:** 30–140 kHz (H)/40–60 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:** 95%–102%  
**EasyRead**  
**HDR:** HDR 10 supported

### Connectivity

**Signal Input:** HDMI2.0 x 2, DisplayPort 1.4 x 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 and 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 (100 x 100 mm), Cable management

### Stand

**Tilt:** -5/20 degree

### Power

**Power supply:** Internal, 100–240 VAC, 50–60 Hz  
**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 (flashing)

### Dimensions

**Packaging in mm (W x H x D):**  
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: +12,000 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:** 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

**Colour:** Black  
**Finish:** Textured

### What's in the box?

**Cables:** HDMI cable, Power cable  
**Monitor with stand**  
**User Documentation**

