



Full HD LCD monitor

- 3000 series
- 32 (31.5" / 80 cm diag.)
- 1920 x 1080 (Full HD)

32E1N3100LA/89

Collaboration, Simplified.

The cable management setup of this monitor facilitates a neat working environment through a singular HDMI Cable. Through this cable, high-quality digital media can be transmitted and heard through its top-notch, built-in speaker system.

Benefits

Superb Picture Quality

- VA display delivers awesome images with wide viewing angles
- 16:9 Full HD display for crisp detailed images
- 1ms (MPRT) fast response for crisp image and smooth gameplay
- SmartImage game mode optimized for gamers
- SmartContrast for rich black details

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

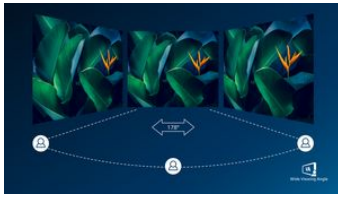
Features designed for you

PHILIPS

Monitor

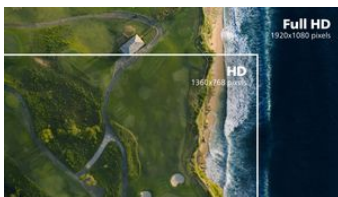
Features

VA display



Philips VA LED display uses an advanced multi-domain 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 178/178 degree extra wide viewing angle, resulting in crisp images.

16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

1ms MPRT fast response



MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers sharper and precise visuals to enhance gaming experience. 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 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.

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.

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.

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.

EasyRead mode



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.

SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to

Monitor

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.

Specifications

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Picture/Display

LCD panel type	VA LCD
Backlight type	W-LED system
Panel Size	31.5 inch / 80 cm
Display Screen	Anti-Glare, 3H, Haze 40%
Coating	
Effective viewing area	698.4 (H) x 392.85 (V)
Aspect ratio	16:9
Maximum resolution	1920 x 1080 @ 75 Hz*
Pixel Density	69.93 PPI
Response time (typical)	4 ms (Gray to Gray)*
MPRT	1 ms
Brightness	300 cd/m ²
Contrast ratio (typical)	3000:1
SmartContrast	Mega Infinity DCR
Pixel pitch	0.36375 x 0.36375 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage game
Color gamut (typical)	NTSC 103.65%*, sRGB 121.33%*
Display colors	16.7 M
Scanning Frequency	30 - 85 kHz (H) / 48 - 75 Hz (V)
LowBlue Mode	Yes
EasyRead	Yes
sRGB	Yes
Adaptive sync	Yes

Connectivity

Signal Input	VGA x 1, HDMI 1.4 x 2
HDCP	HDCP 1.4 (HDMI)
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	Audio-in Audio out

Convenience

Built-in Speakers	5 W x 2
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

Plug & Play Compatibility

VESA mount (100x100mm)
DDC/CI
Mac OS X
sRGB
Windows 11 / 10 / 8.1 / 8

Stand

Tilt	-5/20 degree
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Power

On mode	30.5 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 514 x 248 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)	7.50 kg
Product without stand (kg)	5.78 kg
Product with packaging (kg)	9.71 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 FCC Class B ICES-003 PSB
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Cabinet

Color	Black
Finish	Textured

- * The maximum resolution works for HDMI input only.
- * 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 is to adjust brightness for blur reduction, so cannot adjust brightness while MPRT is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.
- * MPRT is gaming-optimized mode. Turn on MPRT may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function.
- * NTSC Area based on CIE1976
- * sRGB Area based on CIE1931
- * The monitor may look different from feature images.



data subject to change
2023, June 20

Version: 1.0.1
EAN: 8712581802998

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