



4K Ultra HD LCD monitor

- E Line
- 27" (68.6 cm)
- 4K UHD (3840 x 2160)

276E8VJSB/00

Magnificent view in an elegant design

The Philips 27" (68.6 cm) 4K UHD monitor gives ultra-clear picture quality. 4K UHD with wide view delivers the same ultimate clarity and lifelike visuals from any front-angle view. Flicker-free to reduce eye fatigue after prolonged use.

Benefits

Superb Picture Quality

- UltraClear 4K UHD (3840 x 2160) resolution for precision
- IPS LED wide view technology for image and colour accuracy

Elegant Design

- Narrow-border display for a seamless appearance
- Elegant, slim design complements your home decor

Features designed for you

- MultiView enables simultaneous dual connect and view

- HDMI-ready for Full HD entertainment
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity

Greener every day

- Eco-friendly materials meet major international standards
- Low power consumption saves energy bills

PHILIPS

Features

UltraClear 4K UHD Resolution



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

IPS technology



IPS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

Ultra-narrow Border



The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setups like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

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 multitasking.

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).

Flicker-Free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

LowBlue Mode



Studies have shown that just as ultra-violet rays can cause eye damage, shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

Eco-friendly materials

"Philips is committed to using sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models, we use up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures a substantial reduction or elimination of toxic substances like lead, for example. Mercury content in monitors with a CCFL backlight has been reduced significantly, and has been eliminated completely in monitors with an LED backlight.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	27 inch/68.6 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	596.74 (H) x 335.66 (V)
Aspect ratio	16:9
Optimum resolution	3840 x 2160 @ 60 Hz
Pixel Density	163 PPI
Response time (typical)	5 ms (Grey to Grey)*
Brightness	350 cd/m ²
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.155 x 0.155 mm
Viewing angle	178° (H)/178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage game
Display colours	Colour support 1.07 billion colours
Scanning Frequency	30–83 kHz (H) / 59–61 Hz (V)
LowBlue Mode	Yes
sRGB	Yes

Connectivity

Signal Input	DisplayPort 1.2 HDMI 2.0 x 2
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	HDMI audio out

Convenience

MultiView	PIP/PBP mode 2 x devices
User convenience	Power On/Off Menu Brightness Input
OSD Languages	SmartImage Game 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 and Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7

Stand

Tilt	-5/20 degree
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Power

On mode	19.9 W (typ.) (EnergyStar 7.0 test method)
Standby mode	< 0.5 W (typ.)
Off mode	< 0.3 W (typ.)
Energy Label Class	B
Power LED indicator	Operation - White Standby mode - White (flashing)
Power supply	External 100-240 VAC, 50-60 Hz

Dimensions

Product with stand (mm)	613 x 466 x 189 mm
Product without stand (mm)	613 x 374 x 41 mm
Packaging in mm (W x H x D)	660 x 523 x 135 mm

Weight

Product with stand (kg)	4.84 kg
Product without stand (kg)	4.23 kg
Product with packaging (kg)	6.53 kg

Operating conditions

Temperature range (operation)	0 to 40 °C
Temperature range (storage)	-20 to 60 °C
Relative humidity	20%–80% %
Altitude	Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF	50,000 hrs (excluding backlight) hour(s)

Sustainability

Environmental and energy	EnergyStar 7.0 EPEAT Silver RoHS Lead-free Mercury Free TCO certified WEEE
Recyclable packaging material	100 %

Compliance and standards

Regulatory Approvals	CE Mark FCC Class B CU-EAC TUV/ISO9241-307 RCM BSMI EPA CCC CECP VCCI ICES-003 cETLus MEPS CEL
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Cabinet

Colour	Black/Gunmetal
Finish	Glossy

What's in the box?

Monitor with stand	Yes
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Cables	HDMI cable, Power cable
User Documentation	Yes

- * "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
- * Response time value equal to SmartResponse
- * The monitor may look different from feature images.



data subject to change
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