



4K Ultra HD LCD monitor

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

276E8VJSB/89

Magnificent view in an elegant design

Philips 27" 4K UHD monitor gives ultra-clear picture quality. 4K UHD with wide-view delivers same ultimate clarity and life-like visuals from any front angle view. Flicker-free reduces eye fatigue after long use.

Benefits

Superb Picture Quality

- UltraClear 4K UHD (3840x2160) resolution for precision
- IPS LED wide view technology for image and color 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 connection and view

- HDMI for quick digital connection
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity

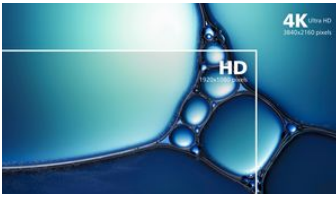
Greener everyday

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

PHILIPS

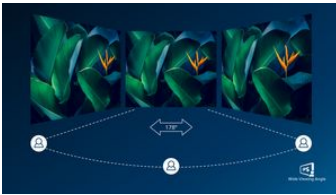
Features

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.

IPS technology



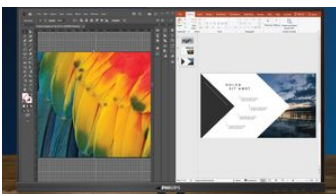
IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and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

UltraNarrow 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 setup 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 multi-tasking.

HDMI ready



Enjoy crisp colorful images and audio with simple one-cable connection. An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality smooth digital video (up to 4K/UHD resolution at 60 Hz) 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).

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, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

Eco-friendly materials

"Philips is committed to use 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 utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely.

Specifications

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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 (Gray to Gray)*
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

data subject to change
2023, June 20

Picture enhancement SmartImage game
 Display colors Color support 1.07 billion colors
 Color gamut (typical) NTSC 91%*, sRGB 109%*
 Scanning Frequency 30 - 83 kHz (H) / 59 - 61 Hz (V)
 LowBlue Mode Yes
 sRGB Yes

100-240VAC, 50-60Hz

Connectivity

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

Convenience

MultiView PIP/PBP mode
 2x devices
 User convenience Power On/Off
 Menu
 Brightness
 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 DDC/CI
 Mac OS X
 sRGB
 Windows 10 / 8.1 / 8 / 7

Stand

Tilt -5/20 degree

Power

On mode 19.51 W (typ.) (EnergyStar test
 method)
 Standby mode < 0.5 W (typ.)
 Off mode < 0.3 W (typ.)
 Power LED indicator Operation - White
 Standby mode- White (blinking)
 Power supply External

Dimensions

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

Weight

Product with stand 4.84 kg
 (kg)
 Product without stand 4.23 kg
 (kg)
 Product with pack-aging 6.53 kg
 (kg)

Operating conditions

Temperature range 0 to 40 °C
 (operation)
 Temperature range -20 to 60 °C
 (storage)
 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 EnergyStar 8.0
 energy RoHS
 Mercury Free
 TCO Certified
 WEEE
 Recyclable packaging 100 %
 material

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
 CB

Cabinet

Color Black / Gunmetal
 Finish Glossy

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

* Response time value equal to SmartResponse

* NTSC Area based on CIE1976

* sRGB Area based on CIE1931

* The monitor may look different from feature images.



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