LCD monitor with Ultra Wide-Color

- E Line
- 27" (68.6 cm)
- Full HD (1920 x 1080)

276E7QDAB/89

Vivid, true-to-life colors

in an elegant design

This brilliant wide view display with Ultra Wide-Color offers true-to-life colors wrapped in an elegance-inspired design for a light and fresh face in any home or office.

Benefits

Superb Picture Quality

- Ultra Wide-Color wider range of colors for a vivid picture
- IPS LED wide view technology for image and color accuracy
- 16:9 Full HD display for crisp detailed images
- Less eye fatigue with Flicker-free technology
- SmartContrast for deep black level details
- SmartImage Lite for easy optimized image settings

Elegant Design

- EasySelect menu toggle key for quick on-screen menu access
- Elegant, slim design complements your home decor
- Superb glossy finish enhance your home decoration

Experience immersive multimedia

- MHL technology for enjoying mobile content on big screen
- Built-in stereo speakers for multimedia

PHILIPS

Features

Ultra Wide-Color Technology

Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

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.

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.

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.

SmartContrast

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

SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

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.

MHL technology

Mobile High Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional MHL cable allows you to simply connect your MHL capable mobile device to this large Philips MHL display, and watch your HD videos come to life with full digital sound. Now not only you can enjoy your mobile games, photos, movies, or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power half way.

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.

Specifications

[field not found 'disclaimer_text']

Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	27 inch / 68.6 cm
Effective viewing area	597.9 (H) x 336.3 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60Hz
Response time (typical)	5 ms (Gray to Gray)*
Brightness	250 cd/m²
Contrast ratio (typical)	1000:1

data subject to change
2018, October 18

SmartContrast	20,000,000:1	Standby mode	0.5 W (typ.)
Pixel pitch	0.311 x 0.311 mm	Off mode	0.3 W (typ.)
Viewing angle	178° (H) / 178° (V) @ C/R > 10	Power LED indicator	Operation - White Standby mode- White (blinking)
Flicker-free	Yes	Power supply	External 100-240VAC, 50-60Hz
Picture enhancement	SmartImage Lite		
Color gamut (typical)	NTSC104.4% (CIE1976)*		
Display colors	16.7 M		
Scanning Frequency	30 -83 kHz (H) / 56 -76 Hz (V)		
MHL	1080P @ 30Hz		
sRGB	Yes		

Connectivity

Signal Input	VGA (Analog) DVI-D (digital, HDCP) MHL-HDMI (digital, HDCP)		
Sync Input	Separate Sync Sync on Green		
Audio (In/Out)	PC audio-in Headphone out		

Convenience

Built-in Speakers	3 W x 2
User convenience	Power On/Off Menu Volume (HDMI Audio out) Input SmartImage lite
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 Ukranian
Other convenience	Kensington lock VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 8.1 / 8 / 7

Stand

Tilt	-5/20 degree

Power

Dimensions

Product with stand (mm)	616 x 468 x 179 mm
Product without stand (mm)	616 x 370 x 52 mm
Packaging in mm (WxHxD)	676 x 544 x 113 mm

Weight

Product with stand (kg)	4.33 kg
Product without stand (kg)	4.08 kg
Product with packaging (kg)	6.81 kg

Operating conditions

Temperature range (operation)	0°C to 40°C °C
Temperature range (storage)	-20°C to 60°C °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	50,000 (excluding backlight) hour(s)

Sustainability

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

Compliance and standards

Regulatory Approvals	CE Mark FCC Class B CU-EAC TCO certified TUV/ISO9241-307 VCCI RCM WEEE CECP BSMI MEPS

Cabinet

Color	Black
Finish	Glossy

* This Philips display is MHL certified. However, in case your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for direction on the policy of your device. Warranty (EnergyStar 7.0 test to purchase their brand specific MHL cable or adapter in order to work
* Eco mode 17.03 W (typ.) (Energy Star 7.0 test method)
* Requires optional MHL certified mobile device and MHL cable. (not included) Please check with your MHL device vendor for compatibility.
* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality
* For complete list of MHL-enabled products refer to www.mhlconsortiun.org
* HDMI cables vary depending on region and models.
* Response time value equal to SmartResponse
* NTSC 85% (CIE1931), sRGB: 122.9%
* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

www.philips.com