LCD monitor

- E Line
- 25" (63.4 cm)
- Full HD (1920 x 1080)

257E7QDSB/27

Vivid colors, crisp details

in an elegant design

This brilliant wide view display offers vivid colors and crisp details wrapped in an elegance-inspired design for a light and fresh face in any home or office.

Benefits

Superb Picture Quality

- AH-IPS display gives awesome images with wide viewing angles
- 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

- Narrow border display for seamless appearance
- EasySelect menu toggle key for quick on-screen menu access
- Elegant, slim design complements your home decor

Experience immersive multimedia

- MHL technology for enjoying mobile content on big screen

Greener everyday

- Low power consumption saves energy bills
- Mercury Free eco-friendly display

PHILIPS

Features

AH-IPS technology

AH-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, AH-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.
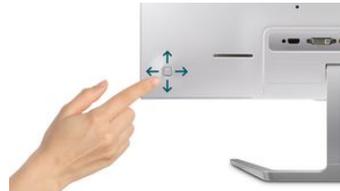
SmartImage Lite

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.

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.

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.

Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

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	AH-IPS LCD
Backlight type	W-LED system
Panel Size	25 inch / 63.4 cm

Effective viewing area	552.96 (H) x 308.64 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60Hz

data subject to change
2018, September 7

Response time (typical)	14 (Gray to Gray) ms		100-240VAC, 50-60Hz

Dimensions

SmartResponse (typical)	5 (Gray to Gray) ms
Brightness	250 cd/m²
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.288 x 0.285 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage Lite
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -76 Hz (V)
MHL	1080p @ 30Hz
sRGB	Yes

Dimensions

Product with stand (mm)	577 x 436 x 213 mm
Product with stand in inch	22.72 x 17.17 x 8.39 inch
Product without stand (mm)	577 x 346 x 49 mm
Product without stand in inch	22.72 x 13.62 x 1.93 inch
Packaging in mm (WxHxD)	619 x 492 x 124 mm
Packaging in inch (WxHxD)	24.37 x 19.37 x 4.88 inch

Connectivity

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

Weight

Product with stand (kg)	3.73 kg
Product with stand (lb)	8.21 lb
Product without stand (kg)	3.48 kg
Product without stand (lb)	7.66 lb
Product with packaging (kg)	5.86 kg
Product with packaging (lb)	12.89 lb

Convenience

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

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 6.0 EPEAT Silver RoHS Lead-free Mercury Free
Recyclable packaging material	100 %

Compliance and standards

Regulatory Approvals	CE Mark FCC Class B VCCI C-tick CECP CU SASO KUCAS cETLus SEMKO TUV/ISO9241-307 EPA WEEE PSB TCO certified

Stand

Tilt	-5/20 degree

Power

On mode	20.67 W (typ.) (EnergyStar 6.0 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

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. The policy of your device manufacturer may require you to purchase their brand specific MHL cable or adapter in order to work
* 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
* Smart response time is the optimum value from either GtG or GtG (BW) tests.
* "AH-IPS" word mark / trademark and related patents on technologies belong to their respective owners.