



Philips
LCD monitor

B Line

27" (68.6 cm)
1920 x 1080 (Full HD)

271B8QJKEB



Clear image, efficient performance

for maximum productivity

Get your best work done with the Philips 27" Full HD monitor. Crisp and vivid Full HD gives you the space and clarity to see your work. Features like height-adjustment, Flicker-free and LowBlue mode make work easy-on-the eyes.

Brilliant performance

- IPS technology for full colors and wide viewing angles
- 16:9 Full HD display for crisp detailed images
- SmartImage presets for easy optimized image settings

Designed for comfortable productivity

- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology
- SmartErgoBase enables people-friendly ergonomic adjustments
- EasyRead mode for a paper-like reading experience

Features for the way you work

- Built-in stereo speakers for multimedia
- USB 3.0 enables fast data transfers and smart phone charging
- Webcam pops up when you need it; secures down when you don't

Sustainable Eco-design

- Designed to meet environmental standards

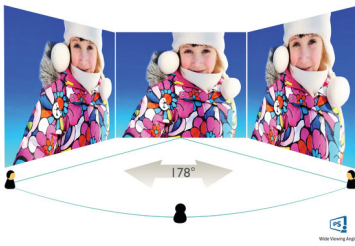
PHILIPS

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B Line 27" (68.6 cm), 1920 x 1080 (Full HD)

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Highlights

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 - even in 90 degree Pivot mode! 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.

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.

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.

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and

provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.

EasyRead mode



EasyRead mode for a paper-like reading experience

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.

Pop-up webcam



Webcams are great for connecting with others and collaborating on that important project. Sometimes, though, you don't want a webcam looking down on your desk. Our ingenious new pop-up webcam design pops up when it's time for meetings and for security tucks away nicely when you are not using it.



Specifications

Picture/Display

- LCD panel type: IPS technology
- Adaptive sync
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.6 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 597.89 (H) x 336.31 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Pixel Density: 82 PPI
- Response time (typical): 5 ms (Gray to Gray)*
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.311 x 0.311 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Color gamut (typical): NTSC 78%*, sRGB 100%*
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 50 - 76 Hz (V)
- sRGB
- EasyRead
- LowBlue Mode

Connectivity

- Signal Input: VGA (Analog), DVI-D (digital, HDCP), DisplayPort 1.2, HDMI 1.4
- USB: USB 3.1x2 (1 w/fast charging)*, USB 2.0 x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience

- Built-in Speakers: 2 W x 2
- Built-in webcam: 2.0 megapixel FHD camera with microphone and LED indicator
- User convenience: SmartImage, Input, Brightness, Menu, Power On/Off
- Control software: SmartControl
- 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, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand

- Height adjustment: 150 mm
- Pivot: +/- 90 degree
- Swivel: -175/175 degree
- Tilt: -5/30 degree

Power

- ECO mode: 11.5 W (typ.)
- On mode: 14.99 W (typ.) (EnergyStar test method)
- Standby mode: < 0.5 W (typ.)
- Off mode: Zero watts with Zero switch
- Energy Label Class: A+, D
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions

- Product with stand(max height): 625 x 552 x 224 mm
- Product without stand (mm): 625 x 370 x 51 mm
- Packaging in mm (WxHxD): 699 x 454 x 242 mm

Weight

- Product with stand (kg): 6.91 kg
- Product without stand (kg): 4.49 kg
- Product with packaging (kg): 9.89 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 (demonstrated): 70,000 hrs (excluded backlight)

Sustainability

- Environmental and energy: EnergyStar 8.0, EPEAT*, TCO Certified Edge, RoHS, WEEE
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 85%
- Specific Substances: PVC / BFR free housing, Mercury free

Compliance and standards

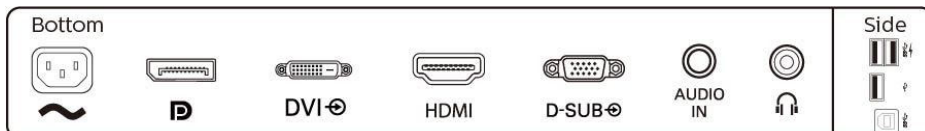
- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, cETLus, CU-EAC, EPA, UKRAINIAN, ICES-003, TUV Ergo, TUV/GS

Cabinet

- Front bezel: Black
- Rear cover: Black
- Foot: Black
- Finish: Texture

What's in the box?

- Monitor with stand
- Cables: D-Sub cable, HDMI cable, DP cable, USB cable, Audio cable, Power cable
- User Documentation



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Version: 3.0.1

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* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* Fast charging complies with USB BC 1.2 standard
* Response time value equal to SmartResponse
* NTSC Area based on CIE1976
* sRGB Area based on CIE1931
* EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.
* The monitor may look different from feature images.