LG 27BA650-B(27BA650-B.AEU)

LG 27BA650-B - LCD monitor - 27" - 1920 x 1080 Full HD (1080p) @ 100 Hz - IPS - 250 cd/m² - 1300:1 - 5 ms - HDMI, DisplayPort, USB-C - speakers - black

The LG 27BA650-B offers a 27-inch desktop display with a native resolution of 1920 x 1080, delivering crisp and vibrant images. The monitor incorporates IPS technology, ensuring a wide viewing angle of 178 degrees both horizontally and vertically, making it suitable for collaborative work environments. With an image brightness of 250 cd/m2 and a contrast ratio of 1300:1, this monitor provides clarity for various tasks.

Designed for versatility, the LG 27BA650-B includes a KVM switch and USB 3.2 Gen 1 hub, facilitating easy connectivity and control of multiple devices. The V-Sync rate of 100 Hz and a low response time of 5 ms enhances the visual experience, particularly in gaming and dynamic content. The ergonomic stand features height, tilt, swivel, and pivot adjustments, allowing users to customize their viewing experience for comfort and productivity.

Key Selling Points

27-inch Full HD display with IPS technology
178-degree viewing angle for collaborative work
KVM switch and USB hub for device connectivity
100 Hz V-Sync rate for smooth visuals
Ergonomic stand with multiple adjustments

Product Features

Versatile connectivity options
Equipped with HDMI, DisplayPort, and USB-C interfaces, the LG 27BA650-B ensures compatibility with various devices, making it easy to connect and switch between multiple sources.

Enhanced visual performance
The monitor features a response time of 5 ms and supports 99% sRGB color gamut, providing vivid colors and smooth transitions for an enhanced viewing experience.

Energy-efficient design
With an ENERGY STAR certification and EPEAT Silver level, this monitor helps to reduce power consumption, contributing to eco-friendly practices.

Multiple display modes
The LG 27BA650-B includes various monitor features such as Reader Mode and FPS Mode, allowing users to optimize the display settings according to their specific needs.

Adjustable ergonomic stand
Featuring a one-click stand with height, tilt, swivel, and pivot adjustments, this monitor provides ergonomic support and flexibility for different viewing preferences.

Main Specifications

Product Description	LG 27BA650-B - LCD monitor - Full HD (1080p) - 27"
Device Type	LCD monitor - 27"
Energy Label QR Code URL	Https://eprel.ec.europa.eu/screen/product/electronicdisplays/2024293
Energy Class	Class D
Daisy Chaining	Yes
Features	USB 3.2 Gen 1 hub, KVM Switch, USB PD 65 Watt
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 100 Hz
Pixel Pitch	0.3114 mm
Brightness	250 cd/m²
Contrast Ratio	1300:1

Response Time	5 ms (grey-to-grey)
Colour Support	16.7 million colours (8-bit, 6-bit + FRC)
Colour Gamut	99% sRGB (CIE 1931)
Input Connectors	HDMI, DisplayPort, USB-C
Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Screen Coating	Anti-glare
Voltage	AC 100-240 V (50/60 Hz)
Colour	Black
Dimensions (WxDxH) - with stand	61.17 cm x 25 cm x 53.8 cm
Weight	7.8 kg
Environmental Standards	ENERGY STAR Qualified EPEAT Silver
Compliant Standards	VESA TMDS, HDCP 2.2, EPA, TUV-GS, TUV-Ergo, CB, UL/cUL, FCC Class B certified, ERP, VCCI, CEC, PCF

Extended Specification

General

Display Type	LCD monitor / TFT active matrix
Energy Label QR Code URL	Https://eprel.ec.europa.eu/screen/product/electronicdisplays/2024293
Energy Class	Class D
Diagonal Size	27"
Daisy Chaining	Yes
Built-in Devices	USB 3.2 Gen 1 hub, KVM Switch
USB Power Delivery	65 Watt
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 100 Hz
Pixel Pitch	0.3114 mm
Brightness	250 cd/m²
Contrast Ratio	1300:1
Colour Support	16.7 million colours (8-bit, 6-bit + FRC)
Colour Gamut	99% sRGB (CIE 1931)
Response Time	5 ms (grey-to-grey)
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare
OSD Languages	English, German, French, Spanish, Italian, Swedish, Finnish, Portuguese, Brazilian Portuguese, Polish, Russian, Turkish, Ukrainian, Chinese, Chinese (traditional), Japanese, Korean
Features	Flicker Safe, Reader Mode, Super Resolution+, DAS Mode (Dynamic Action Sync), Smart Energy Saving technology, Black Stabilizer, auto input switch, Color Weakness Mode, Picture Mode, CustomColor Mode, vivid mode, Cinema Mode, FPS Mode, RTS Mode, 3 Side Borderless Design, One Click Stand, ergonomic stand
Colour	Black
Dimensions (WxDxH)	61.17 cm x 25 cm x 53.8 cm - with stand
Weight	7.8 kg

Miscellaneous

Features	Textured finish
Included Accessories	Screws, cable holder
Cables Included	1 x DisplayPort cable - 1.8 m ¦ 1 x USB-C cable - 1.8 m

Compliant Standards	VESA TMDS, HDCP 2.2, EPA, TUV-GS, TUV-Ergo, CB, UL/cUL, FCC Class B certified, ERP, VCCI, CEC, PCF

Power

Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption SDR (On mode)	17 kWh/1000h
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt

Software / System Requirements

Included Software	Dual Controller Software, LG Switch, Command Line Interface (CLI)

Audio

Type	Speakers - stereo
Output Power / Channel	2 Watt

Connectivity

Interfaces	HDMI ¦ DisplayPort 1.4 ¦ DisplayPort 1.4 output ¦ USB-C (DisplayPort Alt Mode, data, power up to 65W) ¦ USB-B 3.2 Gen 1 upstream ¦ 4 x USB 3.2 Gen 1 downstream (Type A) ¦ Headphones (mini-jack)

Dimensions & Weight

Dimensions & Weight Details	With stand - width: 61.17 cm - depth: 25 cm - height: 53.8 cm - weight: 7.8 kg ¦ Without stand - width: 61.17 cm - depth: 5.03 cm - height: 36.41 cm - weight: 5.2 kg

Dimensions & Weight (Shipping)

Shipping Width	72.1 cm
Shipping Depth	18.9 cm
Shipping Height	54.7 cm
Shipping Weight	10.7 kg

Mechanical

Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Tilt Angle	-5/+21
Swivel Angle	90
Rotation Angle	180
Height Adjustment	150 mm
VESA Mounting Interface	100 x 100 mm

Sustainability Information

EPEAT Compliant	EPEAT Silver
ENERGY STAR Certified	Yes