



QHD LCD monitor

- B Line
- 32 (31.5" / 80 cm diag.)
- Quad HD (2560 x 1440)

328B6QJEB/27

Crisp images, efficient performance

for maximum productivity

Get your best work done with the Philips 32" Quad HD monitor. Crystal-clear Quad 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.

Benefits

Excellent performance

- Crystalclear images with Quad HD 2560 x 1440 pixels
- IPS technology for full colors and wide viewing angles
- Less eye fatigue with Flicker-free technology
- SmartImage presets for easy optimized image settings
- 1.074 billion colors for smooth color gradations and detail
- SmartUniformity for consistent images

Designed for the way you work

Features

Crystalclear images

These latest Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like Displayport, HDMI, Dual

- SmartErgoBase enables people-friendly ergonomic adjustments
- USB 3.0 Hub for convenient access and fast charging
- Built-in stereo speakers for multimedia
- MultiView enables simultaneous dual connect and view

Easy to experience

- SmartConnect with HDMI, MHL, DisplayPort, DVI, and VGA

link DVI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a

PHILIPS

financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

IPS technology



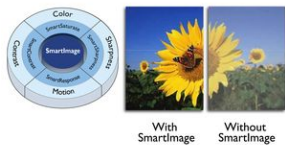
IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

Flicker-free technology



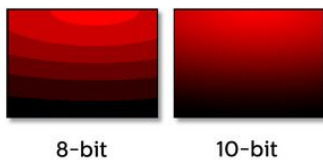
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

10-bit colors



The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color banding.

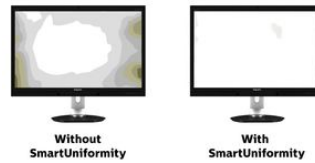
Specifications

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 IPS technology

SmartUniformity



Fluctuations in brightness and color on LCD screens are a common phenomenon. Philips SmartUniformity mode delivers accurate images in terms of brightness; which is crucial for photography, design, and printing. With a color metric to assess color accuracy, this mode is calibrated to meet average luminance uniformity is greater than 95%. Selecting this mode will produce uniform and accurate images.

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.

USB 3.0 Hub with FastCharge

Super Speed USB 3.0 deploys 5.0 gbit/s transfer rate, which is about 10 times faster than USB 2.0 standard significantly reducing data transfer time saving you time and money. With more bandwidth, super speed transfer rates, better power management and superior overall performance, USB 3.0 sets the latest global standard allowing you to use the large capacity storage devices. Now you don't have to wait so long for devices to charge. New FastCharge enables quick charging to charge and go. USB 3.0 is also backward compatible with USB 2.0 devices.

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.

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.

SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multi connections like VGA, DVI-D, DisplayPort, universal HDMI connector, MHL enabling you to enjoy high resolution uncompressed video and audio content. Regardless of what source you use, you can rest assured that this Philips display will ensure your investment is not made obsolete any time soon!

Backlight type W-LED system
Panel Size 31.5 inch / 80.1 cm

data subject to change
2019, March 28

Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	698.11 (H) x 392.69 (V)
Aspect ratio	16:9
Optimum resolution	2560 x 1440 @ 60Hz
Response time (typical)	5 ms (Gray to Gray)*
Brightness	250 cd/m ²
Contrast ratio (typical)	1,200:1
SmartContrast	50,000,000 :1
Pixel pitch	0.2727 x 0.2727 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage
Display colors	Color support 1.07 billion colors
Color gamut (typical)	NTSC 110%*, sRGB 128%*
Scanning Frequency	30 - 99 kHz (H) / 56 - 76 Hz (V)
SmartUniformity	93% ~ 105%
Delta E	<= 2
sRGB	Yes

Connectivity

Signal Input	VGA (Analog) DVI-Dual Link (digital, HDCP) DisplayPort
USB	HDMI (2.0) - MHL x 1 USB 2.0 x 2 USB 3.0x2 (1 w/fast charging)*
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out

Convenience

Built-in Speakers	3 W x 2
MultiView	PIP/PBP mode 2x devices
User convenience	SmartImage Multiview User 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	180 mm
Pivot	90 degree
Swivel	-170/+170 degree
Tilt	-5/20 degree

Power

ECO mode	34.9 W (typ.)
On mode	37 W (EnergyStar 7.0 test method)
Standby mode	< 0.5 W (typ.)
Off mode	Zero watts with Zero switch
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

Dimensions

Product with stand(max height)	742 x 657 x 270 mm
Product with stand(max height)	29.2 x 25.9 x 10.6 inch
Product without stand (mm)	742 x 438 x 63 mm
Product without stand in inch	29.2 x 17.2 x 2.5 inch
Packaging in mm (WxHxD)	970 x 526 x 224 mm
Packaging in inch (WxHxD)	38.2 x 20.7 x 8.8 inch

Weight

Product with stand (kg)	9.50 kg
Product with stand (lb)	20.9 lb
Product without stand (kg)	6.90 kg
Product without stand (lb)	15.18 lb
Product with packaging (kg)	13.41 kg
Product with packaging (lb)	29.50 lb

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 7.0 EPEAT Gold* RoHS TCO certified WEEE
Recyclable packaging material	100 %
Post consumer recycled plastic	85%
Specific Substances	PVC / BFR free housing Mercury free Lead free

Compliance and standards

Regulatory Approvals	CE Mark FCC Class B SEMKO cETLus CU-EAC PSB CECP EPA GS TUV Ergo TUV/GS TUV/ISO9241-307
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Cabinet

Front bezel Black
Rear cover Black

Foot
Finish

Black
Texture

- * EPEAT Gold or Silver is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.
- * Fast charging complies with USB BC 1.2 standard
- * Response time value equal to SmartResponse
- * The monitor may look different from feature images.
- * NTSC Area based on CIE1976
- * sRGB Area based on CIE 1931



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UPC: 609585251953

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