



Slim monitor with Ultra Wide-Color

- C Line
- 24 (23.8" / 60.5 cm diag.)
- Full HD (1920 x 1080)

245C7QJSB/27

Ultra Wide-Color in an ultra slim design

The Moda display with Ultra Wide-Color features superb visuals, in our thinnest design yet. Crafted with premium materials the thin display looks great on any desk. With an edge-to-edge Ultra Wide-Color display, images look bolder than ever

Benefits

Superb Design

- Minimalistic looks with Ultra Narrow Bezel
- UltraSlim for a stylish look
- EasySelect menu toggle key for quick on-screen menu access

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 presets for easy optimized image settings

Experience immersive multimedia

- HDMI-ready for Full HD entertainment
- DisplayPort connection for maximum visuals

PHILIPS

Features

Ultra Narrow Bezel

Utilizing latest technology panels, the new Philips displays are designed with minimalistic approach by limiting the outer bezel thickness to about 2.5mm. Combined with in-panel black matrix strip of around 9mm, the overall bezel dimensions are reduced significantly allowing for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphics design and professional applications, the Ultra narrow bezel display gives you the feeling of using one large display.

UltraSlim for a stylish look



Our new display is impossibly thin! The UltraSlim profile offers a minimalistic look that looks great in living spaces and desks.

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



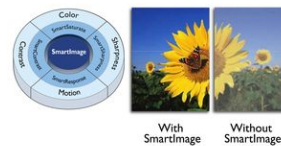
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

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



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!

HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

DisplayPort connection



DisplayPort

DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also

for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

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.

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
Backlight type	W-LED system
Panel Size	23.8 inch / 60.5 cm
Effective viewing area	527.04 (H) x 296.46 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Pixel Density	92.56 PPI
Response time (typical)	5 ms (Gray to Gray)*
Brightness	250 cd/m ²
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.274 x 0.274 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage
Color gamut (typical)	NTSC 106%*, sRGB 127%*
Display colors	16.7 M
Scanning Frequency sRGB	54 - 88 kHz (H) / 48 - 75 Hz (V) Yes

Connectivity

Signal Input	VGA (Analog) DisplayPort 1.2 HDMI (digital, HDCP)
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	Audio out

Convenience

User convenience	Menu/OK Input/Up SmartImage/Return Volume/Down Power On/Off
Control software OSD Languages	SmartControl Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian Japanese Korean Polish Portuguese Russian Simplified Chinese Spanish

Other convenience	Swedish Traditional Chinese Turkish Ukrainian Kensington lock
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7

Stand

Tilt	-5/20 degree degree
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Power

On mode	13.65 W (typ.) (EnergyStar 7.0 test method)
Standby mode	0.3 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	External 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm)	541 x 412 x 197 mm
Product with stand in inch	21.3 x 16.2 x 7.8 inch
Product without stand (mm)	541 x 323 x 31 mm
Product without stand in inch	21.3 x 12.7 x 1.2 inch
Packaging in mm (WxHxD)	603 x 484 x 245 mm
Packaging in inch (WxHxD)	23.7 x 19.1 x 9.6 inch

Weight

Product with stand (kg)	2.87 kg
Product with stand (lb)	6.31 lb
Product with packaging (kg)	5.30 kg
Product with packaging (lb)	11.66 lb

Operating conditions

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

MTBF 50,000 hrs (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
RCM

CECP
CU
SASO
KUCAS
cETLus
TUV//ISO9241-307
EPA
WEEE
TCO certified

Cabinet

Front bezel
Rear cover
Finish

Black
Gray
Glossy

- * "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
- * Response time value equal to SmartResponse
- * NTSC Area based on CIE1976
- * sRGB Area based on CIE 1931



data subject to change
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