Philips Brilliance
AMVA LCD monitor, LED backlight

P Line
27" (68.6 cm)
Full HD display

271P4QPJKEB

Sustainable eco design display

with Webcam saves time and money

The Philips AMVA LED display with Webcam helps you collaborate and communicate, saving you time and money.

Brilliant performance

- AMVA LED for wide-view super-high contrast, vivid images
- Built-in stereo speakers for multimedia
- DisplayPort offers audio and video over a single, long cable
- Webcam to connect and collaborate
- USB Hub with 3 ports for easy connections
- Built-in microphone for audio conferencing
- HDMI ensures universal digital connectivity

Designed for people

- Low bezel-to-table height for maximum reading comfort
- SmartErgoBase enables people-friendly ergonomic adjustments

Sustainable Eco-design

- PVC-BFR free housing
- 65% post consumer recycled plastics with TCO Edge
- PowerSensor saves up to 80% energy costs

PHILIPS

Highlights

PowerSensor

PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

AMVA LED display

Philips AMVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images even in 90 degree pivot mode
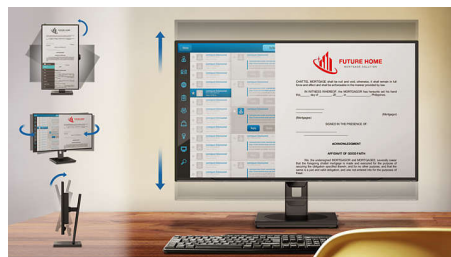
Webcam

Embedded webcam and microphone enables you to view and communicate with your colleagues and clients. This simple solution allows you to collaborate and share, saving precious time and travel related costs.

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.

SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

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).

3 Ports USB 2.0 HUB

USB Hub allows user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices which has USB connection available. The conveniently located USB 2.0 Hub on the monitor allows USB 2.0 signals to pass thru to the computer. Note that many devices like cameras and HDD may need to be powered On independently, as they have higher power requirements than the monitor USB Hub can provide.

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.

Low bezel-to-table height

The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

PowerSensor Wide Viewing Angle Webcam ® SmartErgo Base HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE USB 3x Built-in Speaker TCO CERTIFIED edge

Specifications

Connectivity
- Signal Input: DisplayPort x 1, HDMI, DVI-D (digital, HDCP), VGA (Analog)
- USB: USB 2.0 x 3
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display
- Panel Size: 27 inch / 68.6 cm
- Aspect ratio: 16:9
- LCD panel type: AMVA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.311 x 0.311 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 300 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 5000:1
- SmartContrast: 20,000,000 :1
- Response time (typical): 6 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 597.6 (H) x 336.15 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB

Convenience
- Built-in Speakers: 2Wx2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP
- User convenience: SmartImage, Volume, PowerSensor, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Control software: SmartControl
- Built-in webcam: 2.0 megapixel camera with microphone and LED indictor

Stand
- Height adjustment: 150 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

Power
- ECO mode: 23 W (typ.)

- Power supply: 100-240VAC, 50-60Hz, Built-in
- Off mode: Zero watts with Zero switch
- On mode: 43.2 W (typ.)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Product with stand (mm): 639 x 580 x 242 mm
- Packaging in mm (WxHxD): 750 x 234 x 490 mm
- Product without stand (mm): 639 x 405 x 64 mm

Weight
- Product with packaging (kg): 10.35 kg
- Product with stand (kg): 7.50 kg
- Product without stand (kg): 5.10 kg

Operating conditions
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

Sustainability
- Environmental and energy: PowerSensor, TCO Certified Edge, RoHS
- Post consumer recycled plastic: 65%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TUV Ergo, TUV/GS, UL/cUL, WEEE, TCO Certified Edge

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

What's in the box?
- Cables: VGA, DVI, Audio, Power
- Monitor with stand
- User Documentation

www.philips.com

* Response time value equal to SmartResponse