



Philips Brilliance
LED-backlit LCD monitor

P Line

22 (21.5" / 54.6 cm diag.)
1920 x 1080 (Full HD)

221P6QPYES

Brilliant performance from every angle

with a full HD AH-IPS display

The Philips PowerSensor AH-IPS LED display using 65% post consumer recycled plastics and PVC, BFR-free housing is ideal for eco-friendly productivity

Brilliant performance

- SmartImage presets for easy optimized image settings
- AH-IPS display for brilliant images with vivid colors
- Less eye fatigue with Flicker-free technology

Designed for people

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

Sustainable Eco-design

- PowerSensor saves up to 80% energy costs
- LightSensor for the perfect brightness with minimal power

Easy to experience

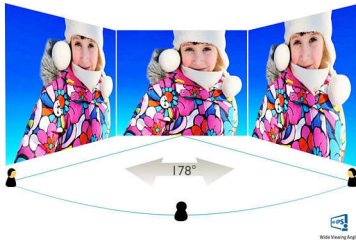
- Built-in stereo speakers for multimedia
- DisplayPort connection for maximum visuals
- USB 3.0 Hub for convenient access and fast charging

PHILIPS

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Highlights

AH-IPS technology



This latest Philips display uses advanced AH-IPS panels resulting in superior color reproduction, response time and power consumption. Unlike standard TN panels, AH-IPS panels show consistent color even at 178 degrees wide angles and in pivot mode. With remarkable performance, AH-IPS is best suited for applications demanding color accuracy and consistent brightness at all times like photo retouching, graphics applications and web browsing.

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!

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.

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

221P6QPYES/00

their preferred angle and height settings, helping them reduce fatigue and strain.

Built-in stereo speakers

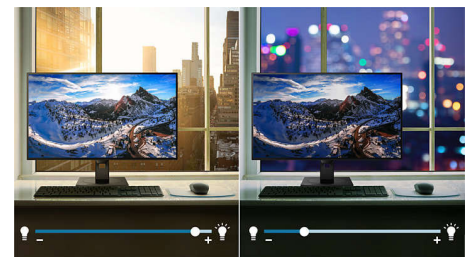


A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

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.

LightSensor



LightSensor uses a smart sensor to adjust the picture brightness depending on the room light conditions for the perfect picture with minimal power usage.



Wide Viewing Angle



Flicker-free



SmartImage™



SmartErgo Base



Built-in Speaker



LightSensor



PowerSensor



Built-in Speaker

Specifications

Connectivity

- Signal Input: DisplayPort x 1, DVI-D (digital, HDCP), VGA (Analog)
- USB: USB 3.0x4 (1 w/fast charging)*
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display

- Panel Size: 21.5 inch / 54.6 cm
- Aspect ratio: 16:9
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.248 x 0.248 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000 :1
- Response time (typical): 14 ms
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 476.06 (H) x 267.79 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB
- SmartResponse (typical): 5 ms (Gray to Gray)

Convenience

- Built-in Speakers: 2 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7
- User convenience: SmartImage, Volume, PowerSensor, Menu, Power On/Off
- 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)
- Control software: SmartControl Premium

Stand

- Height adjustment: 130 mm
- Pivot: 90 degree
- Swivel: -175/+175 degree
- Tilt: -5/20 degree

Power

- ECO mode: 13.4 W (typ.)

- Power supply: 100-240VAC, 50-60Hz, Built-in
- Off mode: Zero watts with AC switch
- On mode: 15.45 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: < 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

- Product with stand (mm): 511 x 488 x 257 mm
- Packaging in mm (WxHxD): 565 x 493 x 184 mm
- Product without stand (mm): 511 x 319 x 52 mm

Weight

- Product with packaging (kg): 7.94 kg
- Product with stand (kg): 5.60 kg
- Product without stand (kg): 3.10 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, LightSensor, EnergyStar 6.0, 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, cETLus, FCC Class B, GOST, SASO, SEMKO, TUV Ergo, TUV/GS, WEEE

Cabinet

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

What's in the box?

- Cables: VGA, DVI, DP, Audio, Power
- Monitor with stand
- User Documentation



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* "AH-IPS" word mark / trademark and related patents on technologies belong to their respective owners.

* Smart response time is the optimum value from either GtG or GtG (BW) tests.