



Philips Brilliance
LED-backlit LCD monitor

P Line
19" (48.3 cm)
1280 x 1024

Brilliance

19P4QYEB



Brilliant performance from every angle

with a wide view IPS display

The Philips ergonomic display using 25% recycled materials and PVC, BFR-free housing is ideal for eco-friendly productivity.

Brilliant performance

- IPS technology for full colors and wide viewing angles
- Less eye fatigue with Flicker-free technology

Designed for people

- SmartErgoBase enables people-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort
- Built-in stereo speakers for multimedia

Easy to experience

- SmartImage presets for easy optimized image settings
- USB Hub with 4 ports for easy connections
- DisplayPort connection for maximum visuals

Sustainable Eco-design

- 25% recycled material with EPEAT Gold
- PVC-BFR free housing
- 100% recyclable packaging

PHILIPS

Highlights

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.

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.

Low bezel-to-table height

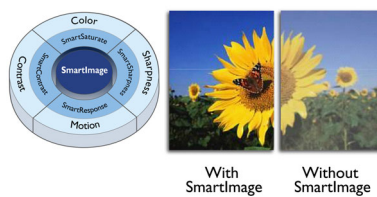


The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users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

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.

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!

4 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.

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.



Specifications

Picture/Display

- LCD panel type: IPS technology
- Backlight type: LED system
- Panel Size: 19 inch / 48.3 cm
- Effective viewing area: 374.78 (H) x 299.83 (V)
- Aspect ratio: 5:4
- Optimum resolution: 1280 x 1024 @ 60Hz
- Response time (typical): 14 ms
- SmartResponse (typical): 5 ms (Gray to Gray)
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000 :1
- Pixel pitch: 0.293 x 0.293 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity

- Signal Input: DisplayPort 1.2, DVI-D (digital, HDCP), VGA (Analog)
- USB: USB 2.0 x 4
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Headphone out, PC audio-in

Convenience

- Built-in Speakers: 1.5W x 2
- User convenience: SmartImage, Volume, Input, Menu, Power On/Off
- Control software: SmartControl Premium
- 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 8.1 / 8 / 7

Stand

- Height adjustment: 130 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

Power

- ECO mode: 10 W (typ.)
- On mode: 12.69 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: 100-240VAC, 50-60Hz, Built-in

Dimensions

- Product with stand (mm): 404 x 513 x 220 mm
- Product without stand (mm): 404 x 346 x 61 mm
- Packaging in mm (WxHxD): 465 x 400 x 280 mm

Weight

- Product with stand (kg): 5.25 kg
- Product without stand (kg): 3.12 kg
- Product with packaging (kg): 7.15 kg

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
- Recyclable packaging material: 100 %
- Recycled material: 25%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, BSMI, GS, WEEE, PSB, C-tick, cETLus, TUV Ergo, TUV/GS, CECP, CEL, MEPS, RCM, TCO certified

Cabinet

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



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