

Philips
LCD widescreen monitor

61 cm (24") wide
WUXGA

240BW8EB

Boost your professional productivity

With high resolution, legible text size, a larger viewing area plus convenient built-in speakers, this Philips 240BW8 boots your business productivity - and is ready for immediate or future upgrade to Windows Vista.

Outstanding front of screen performance

- 5ms fast response time
- WUXGA, wide format 1920x1200 resolution for sharper display
- DVI-D input and HDCP support

Great convenience

- Dual input accepts both analog VGA and digital DVI signals
- Embedded power supply eliminates external power adaptors
- Built-in speakers for audio without desktop clutter

Best total cost of ownership solution

- Complies with RoHS standards to care for the environment
- Empowered for Windows Vista

Designed for maximum productivity

- Big, widescreen ideal for viewing two A4 pages side-by-side
- Display more images and content without scrolling
- Tilt, swivel and height-adjust for an ideal viewing position

PHILIPS

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240BW8EB/00

Highlights

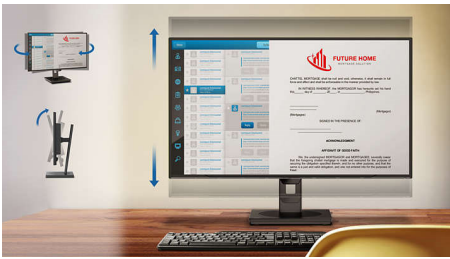
Widescreen

A big, widescreen display that improves productivity by displaying two A4 pages side-by-side.

Large viewing area

Viewing area is the visible portion of a monitor screen available for displaying data.

Compact Ergo Base



The Compact Ergo Base is a people-friendly Philips monitor base that tilts, swivels and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

Windows Vista ready

Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing

information for work or play quick, efficient and easy.

Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

WUXGA, wide format 1920 x 1200

Wide format of Ultra Extended Graphics Array, a display specification that is capable of displaying 1920 x 1200 resolution, or approximately 2.3 million pixels.

5ms on/off response time

On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

HDCP ready

High-Bandwidth Digital Content Protection (HDCP) is a copyright protection system that is incorporated into the DVI connector. It

helps stop unauthorized duplication of copyrighted content. HDCP allows you to play protected content media such as movies and concerts. It checks the signal to prevent piracy, allowing only legal copies of content to display.

Dual input



VGA connector



DVI connector

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

Embedded power supply

An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

Built-in speakers

A pair of 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.

HDMI x3



HDCP ready



Specifications

Connectivity

- Signal Input: VGA (Analog), DVI-D, PC Audio in
- Sync Input: Composite Sync, Separate Sync, Sync on Green
- Sync input impedance: 2.2k ohm
- Video input impedance: 75 ohm
- Video input signal levels: 0.7 Vpp

Picture/Display

- Panel Size: 24" / 61.1 cm
- Aspect ratio: 16:10
- LCD panel type: 1920 x 1200 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.270 x 0.270 mm
- Optimum resolution: 1920 x 1200 @ 60Hz (digital input)
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 1000 : 1
- Response time (typical): 5 ms
- Viewing angle: 160° (H) / 160° (V), @ C/R > 10
- Horizontal Scanning Frequency: 30 - 83 Hz
- Vertical Scanning Frequency: 56 - 75 Hz
- Maximum Resolution: 1920 x 1200 @ 60Hz (digital input)
- Effective viewing area: 518.4 mm x 324 mm
- sRGB
- Video Dot Rate: < 170 MHz
- White Chromaticity, 6500K: $x = 0.313 / y = 0.329$
- White Chromaticity, 9300K: $x = 0.283 / y = 0.297$

Convenience

- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Built-in Audio: 2 W x 2
- User convenience: On-screen Display
- Pivot: 90° (clockwise)
- Monitor Controls: Input, Auto (Back), Volume control (Down), Brightness (Up), Menu (OK), Power On/Off
- Regulatory approvals: CE Mark, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible

- Swivel: +/- 45°
- Tilt: -3.5° to 21.5°
- VESA Mount: 100 x 100 mm

Power

- Power supply: Built-in, 100-240VAC, 50/60Hz
- Consumption (On mode): < 70 W
- Power LED indicator: Stand by/sleep - Amber, Operation - green
- Complies with: Energy Star
- Consumption (Off Mode): < 1 W

Dimensions

- Box depth: 298 mm
- Set width (with stand): 565.6 mm
- Box height: 560 mm
- Set width (with stand) (inch): 22.3 inch
- Box width: 651 mm
- Set height (with stand): 445.7 mm
- Set height (with stand) (inch): 17.5 inch
- Set Width: 565.6 mm
- Height adjustment range: 130 mm
- Set depth (with stand): 220 mm
- Set Height: 409.8 mm
- Set Depth: 68.3 mm
- Set depth (with stand) (inch): 8.7 inch
- Set Width (inch): 22.3 inch
- Temperature range (operation): 5°C to 35°C
- Set Height (inch): 16.1 inch
- Temperature range (storage): -20°C to 60°C
- Set Depth (inch): 2.7 inch
- Box depth (inch): 11.7 inch
- Box height (inch): 22.0 inch
- Box width (inch): 25.6 inch
- Product weight (+stand): 8.8 kg
- Product weight (+stand) (lb): 19.4 lb
- Weight incl. Packaging: 11.9 kg
- Weight incl. Packaging (lb): 26.2
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs

Accessories

- Included accessories: AC Power Cord, VGA cable, Audio Cable
- User Manual



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