



Philips
LCD widescreen monitor

22" wide
WSXGA

220WS8FB



Vista-ready widescreen for business productivity

Do more, see more within budget! With high resolution, legible text size and a larger viewing area, this ultra-slim Philips 220WS8 boosts productivity with better viewing comfort - and is ready for immediate or future upgrade to Windows Vista.

Designed for maximum productivity

- Big, wide screen ideal for viewing two A4 pages side by side
- Display more images and content without scrolling

Best total cost of ownership solution

- Empowered for Windows Vista
- Complies with RoHS standards of care for the environment
- The lowest power consumption in the industry

Outstanding front of screen performance

- WSXGA+, wide format 1680 x 1050 resolution for sharper display
- 5 ms fast response time
- DVI-D input and HDCP support

Great convenience

- Dual input accepts both analogue VGA and digital DVI signals
- Embedded power supply eliminates external power adapters
- Adjust display settings with hot key or on-screen controls

PHILIPS
sense and simplicity

LCD widescreen monitor
22" wide WSXGA

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.

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 organising 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.

Lowest power consumption

Lower power consumption reduces the energy required to operate a device, saving its owner operating costs and conserving power.

WSXGA+, wide format 1680 x 1050

Wide format, super extended graphics array is a display specification that is capable of displaying 1680 x 1050 resolution or approximately 1.7 million pixels.

5 ms 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 artefacts 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 unauthorised duplication of copyrighted content. HDCP allows you to play protected content media such as movies and

220WS8FB/00

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 analogue VGA and digital DVI signals.

Embedded power supply

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

User-friendly hot key and OSD

The user-friendly hot key and on-screen display controls are dual systems for conveniently fine-tuning display settings to meet a variety of needs. Press the hot key on your monitor's frame for automatic picture, quick contrast and brightness control or use the on-screen display feature to fine-tune your display settings.



Specifications

Picture/Display

- LCD panel type: 1680 x 1050 pixels, Anti-glare polariser, RGB vertical stripe
- Panel Size: 22"/55.9 cm
- Effective viewing area: 474 x 296 mm
- Pixel pitch: 0.282 x 0.282 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- Display colours: 16.7 M
- Viewing angle: 160° (H)/160° (V), @ C/R > 10
- Response time (typical): 5 ms
- White Chromaticity, 6500K: x = 0.313/y = 0.329
- White Chromaticity, 9300K: x = 0.283/y = 0.297
- Maximum Resolution: 1680 x 1050 @ 60 Hz
- Optimum Resolution: 1680 x 1050 @ 60 Hz
- Video Dot Rate: 205 MHz
- Horizontal Scanning Frequency: 30 - 93 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Aspect ratio: 16:10
- sRGB

Connectivity

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

Convenience

- User convenience: On-screen Display
- Monitor Controls: Auto, Brightness (Left), Contrast (Right), Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, Energy Star, FCC

Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo,

- UL/cUL
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

Accessories

- Included Accessories: AC Power Lead, VGA cable
- User manual

Dimensions

- Box dimensions (W x H x D): 565 x 174 x 472 mm
- Box dimensions in inch (W x H x D): 22.2 x 6.9 x 18.6 inch
- Set dimensions (W x H x D): 513.76 x 336.10 x 67.34 mm
- Set dimensions in inch (W x H x D): 20.2 x 13.2 x 2.7 inch
- Set dimensions with stand (W x H x D): 513.76 x 416.2 x 213.59 mm
- Set dimensions with stand in inch (W x H x D): 20.2 x 16.4 x 8.4 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 5.6 kg
- Product weight (+stand) (lb): 12.4 lb
- Weight incl. Packaging: 7.4 kg
- Weight incl. Packaging (lb): 16.3 lb

Electricity

- Complies with: Energy Star
- Consumption (On mode): < 45 W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Standby/sleep - Amber, Operation - green
- Power supply: Built-in, 100-240 VAC, 50/60 Hz



Issue date 2010-01-25

Version: 5.0.6

12 NC: 8670 000 31023
EAN: 87 12581 34237 1

© 2010 Koninklijke Philips Electronics N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips
Electronics N.V. or their respective owners.

www.philips.com