

PHILIPS

LCD monitor

43 cm (17")

SXGA

170B7CS



Extremely convenient display for business users

With SmartManage LAN-based remote monitor management, Philips Perfect Panel™ warranty and a full range of convenient features, the 170B7 delivers great and convenient display at a very attractive total cost of ownership.

Best total cost of ownership solution

- Empowered for Windows Vista
- SmartManage compatibility enables LAN-based asset management
- Power consumption below the industry average

Outstanding front of screen performance

- ISO 13406-2 Class I compliant dot-defect-free display
- 5ms fast response time
- SXGA 1280 x 1024 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals

Maximum comfort for maximum productivity

- Tilt, swivel and height-adjust for an ideal viewing position

Great convenience

- USB port for convenient peripheral connections
- Easy to adjust display settings with Philips SmartControl
- Built-in speakers for audio without desktop clutter

Highlights

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.

SmartManage enabled

SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Lower power consumption

Reduction of the electrical power required to operate a device.

PerfectPanel™

Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in a LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors, compliant with ISO 13406-2 Class I standard, are produced with zero tolerance for LCD panel

defects and backed by Philips PerfectPanel™ globally valid warranty providing repair or replacement of any LCD monitors that display even a single defective bright or dark dot.

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.

Dual input

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

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.

USB 2.0 port

USB port 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 port 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 port can provide

SmartControl

PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way.

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.



Specifications

Picture/Display

LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe

Panel Size: 17"/ 43 cm

Effective viewing area: 337.9 x 270.3 mm

Pixel pitch: 0.264 x 0.264 mm

Brightness: 300 cd/m²

Contrast ratio (typical): 800:1

Display colors: 16.7 M

Viewing angle: 176° (H) / 170° (V), @ C/R > 5

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: 1280 x 1024 @ 75 Hz (digital input)

Optimum resolution: 1280 x 1024 @ 60 Hz (digital input)

Video Dot Rate: 140 MHz

Horizontal Scanning Frequency: 30 - 83 kHz

Vertical Scanning Frequency: 56 - 76 Hz

sRGB

Connectivity

Signal Input: VGA (Analog), DVI-D, PC Audio in

Audio output: Stereo Audio (3.5 mm jack) 1x

USB: USB 2.0 x 1

Sync Input: 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

Built-in Audio: 2 W RMS x 2 Stereo Speakers

User convenience: On-screen Display, SmartManage enabled

Monitor Controls: Auto, Brightness Control (Up/Down), Left/Right, Menu (OK), Power On/Off, Volume control

OSD Languages: English, French, German, Italian, Russian, Spanish

Other convenience: Kensington lock compatible, FlexiHolder

Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista

Regulatory approvals: CE Mark, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo

Swivel: +/- 60°

Tilt: -5° to 25°

VESA Mount: 100 x 100 mm

Accessories

Included accessories: AC Power Cord, Audio Cable, USB cable, VGA cable

Optional accessories: Super Ergo Base

User Manual

Dimensions

Box dimensions (W x H x D): 449 x 182 x 452 mm

Box dimensions in inch (W x H x D):

17.7 x 7.2 x 17.8 inch

Set dimensions (W x H x D):

382.5 x 342.8 x 61.5 mm

Set dimensions in inch (W x H x D):

15.1 x 13.5 x 2.4 inch

Set dimensions with stand (W x H x D):

382.5 x 387.2 x 198.7 mm

Set dimensions with stand in inch (W x H x D):

15.1 x 15.2 x 7.8 inch

Height adjustment range: 60 mm

Height adjustment range (inch): 2.4 inch

MTBF: 50,000 hrs

Relative humidity: 20% - 80%

Temperature range (operation): 5°C to 40°C

Temperature range (storage): -20°C to 60°C

Product weight (+stand): 5.2 kg

Product weight (+stand) (lb): 11.5 lb

Weight incl. Packaging: 6.5 kg

Weight incl. Packaging (lb): 14.3 lb

Power

Complies with: Energy Star

Consumption (On mode): 33W (Typical)

Consumption (Off Mode): < 1 W

Power LED indicator: Operation - green, Stand by/sleep - Amber

Power supply: Built-in, 100-240VAC, 50/60Hz

