

PHILIPS

LCD monitor

Brilliance

43 cm (17")

SXGA

170P7ES



Superb display for professional needs

Professionals get more done with the 170P7's superb display and productivity-enhancing advanced ergonomics while Philips global Perfect Panel™ warranty and remote asset management tools deliver the best total cost of ownership.

Best total cost of ownership solution

- Empowered for Windows Vista
- SmartManage compatibility enables LAN-based asset management
- Complies with RoHS standards to care for the environment

Outstanding front of screen performance

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

Maximum comfort for maximum productivity

- 90 degree screen rotation and smart cable management
- Brightness automatically adjusts to ambient light

Great convenience

- Easy to adjust display settings with Philips SmartControl
- Built-in high-speed USB 2.0 solution for easy connections

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.

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.

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.

Dual input

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

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.

Super Ergo Base

The Super Ergo base is a monitor base that delivers ergonomic display comfort and provides intelligent 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; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

SmartBright

SmartBright is an exclusive Philips feature that employs a built-in sensor to automatically adjust display settings, delivering the very best viewing experience, reduced energy consumption and prolonged monitor life while eliminating bright-screen-dark-room and dark-screen-bright-room eyestrain fatigue - all without the bother of manually adjusting display brightness as room lighting conditions change.

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.

USB connectivity solution

The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. By placing a USB 2.0 solution in a monitor, Philips provides a conveniently located, easy-to-use, high-speed USB connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and one or more USB devices.



Lead Free

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

USB: USB 2.0 x 4

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

User convenience: On-screen Display, SmartBright, SmartManage enabled

Monitor Controls: Auto, Brightness Control (Up/Down), Left/Right, Menu (OK), 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, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo

Swivel: +/- 45°

Tilt: -5° to 25°

Pivot: 90° (counter-clockwise)

VESA Mount: 100 x 100 mm

Accessories

Included accessories: AC Power Cord, DVI-D cable, USB cable, VGA cable

User Manual

Dimensions

Box dimensions (W x H x D):

453 x 486 x 263 mm

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

17.8 x 19.1 x 9.9 inch

Set dimensions (W x H x D):

382.5 x 332.9 x 61.5 mm

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

15.1 x 13.1 x 2.4 inch

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

402.6 x 398.3 x 215.3 mm

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

15.9 x 15.7 x 8.5 inch

Height adjustment range: 130 mm

Height adjustment range (inch): 5.1 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): 6.4 kg

Product weight (+stand) (lb): 14.1 lb

Weight incl. Packaging: 8.4 kg

Weight incl. Packaging (lb): 18.5

Power

Complies with: Energy Star

Consumption (On mode): 33 W (Typical)

Consumption (Off Mode): < 1 W

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

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

