Philips
LCD monitor

43 cm (17")
SXGA

170B6CB

high performance for demanding users

The 170B6 delivers high performance with Perfect Panel, faster response time, dual input and a compact base. This SmartManage-enabled monitor and its environmentally friendly lead-free design offer users the best total cost of ownership.

Maximum comfort for maximum productivity
- Designed for 'just-right' height and angle adjustment
- Built-in speakers for audio without desktop clutter

Outstanding front of screen performance
- Fast 8ms On/off response time:Great text & graphics display
- SXGA 1280 x 1024 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals
- ISO 13406-2 Class I compliant dot-defect-free display

Best total cost of ownership solution
- Power consumption below the industry average
- SmartManage compatibility enables LAN-based asset management

Great convenience
- USB port for convenient peripheral connections
- Embedded power supply eliminates external power adaptors

PHILIPS

Highlights

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.

8ms response time (On/Off)
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 text and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

SXGA, 1280 x 1024 resolution
For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

Dual input

VGA connector


DVI connector

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

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.

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.

Ergonomics design
Ergonomic design makes Philips monitors 'people friendly' with tilt, swivel and height adjustment 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

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.

Perfect Panel · 8ms · VGA dvi DualInput · Plug & Play Multi-Touch · Eco Mode · Built-in Speaker · USB Connectivity · Built-in POWERSUPPLY

LCD monitor
43 cm (17") SXGA

170B6CB/75

Specifications

Connectivity
- Audio output: Stereo Audio (3.5 mm jack) 1x
- Signal Input: VGA (Analog), DVI-D, PC Audio in
- USB: USB 2.0
- Sync Input: Composite Sync, Separate Sync, Sync on Green

Picture/Display
- Panel Size: 17"/ 43 cm
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.264 x 0.264 mm
- Optimum resolution: 1280 x 1024 @ 60 Hz
- Brightness (nits): 250 nit
- Display colors: 16.2 M
- Contrast ratio (typical): 500:1
- Response time (typical): 8 ms
- Viewing angle: @ C/R > 5
- Viewing angle (horizontal): 160 degree
- Viewing angle (vertical): 155 degree
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Effective viewing area: 337.9 x 270.3 mm
- Factory Preset Modes: 15 modes
- sRGB
- User definable modes: 50 modes
- Video Dot Rate: 140 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
- Built-in Audio: 2 W RMS x 2 Stereo Speakers
- User convenience: On-screen Display, SmartManage enabled
- Monitor Controls: Auto, Brightness Control, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume control
- Regulatory approvals: CE Mark, E2000, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '99, TÜV/GS, TÜV Ergo
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible, FlexiHolder
- Swivel: +/- 125°
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

Power
- Power supply: Built-in, 100-240VAC, 50/60Hz
- Consumption (On mode): 33W (Typical)
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Complies with: E2000, Energy Star, NUTEK
- Consumption (Off Mode): < 1 W

Dimensions
- Height adjustment range: 70 mm
- Weight: 4.8 kg
- Temperature range (operation): 5°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Depth (with base): 210 mm
- Height (with base): 377 mm
- Width (with base): 375 mm

Accessories
- Included accessories: AC Power Cord, Audio Cable, USB cable, VGA cable
- User Manual
- Optional accessories: Super Ergo Base

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