17-inch LCD monitor

170B5CG

Satisfies display requirements of demanding users

When you demand more than basics, look to the Philips 170B5 for outstanding, reliable display, productivity enhancing ergonomics plus energy savings 20 percent above the industry average and the best total cost of ownership.

Outstanding front of screen performance
- *Zero Bright Dot™ eliminates LCD bright dot defects*
- *Fast response time is capable of handling fast moving pictures*
- *SXGA 1280 x 1024 resolution for sharper display*
- *Dual Input accepts both analog VGA and digital DVI signals*
- *sRGB ensures color matching between display and printouts*

Maximum comfort for maximum productivity
- *Audio speakers built into a display device without clutter*
- *Screen height adjustable for ideal viewing angle*
- *Screen tilt and swivel adjustment for ideal viewing angle*
- *Cable management for a tidy work space*

Best total cost of ownership solution
- *Up to 20% lower power consumption than industry average*
- *Kensington anti-theft lock secures monitor against theft*

Great convenience
- *Embedded power supply eliminates external power adaptors*
- *VESA mounting pattern for easy wall mounting of display*
- *FlexiHolder to hold notes, cards, and photos*

ZERO Bright-Dot

sRGB

Built-in POWER**SUPPLY**

TCO'03 DISPLAYS

Designed for Microsoft Windows XP Windows 2000 Windows ME

ENERGY

Plug and **Play**

Energy ENERGY STAR

PHILIPS

17-inch LCD Monitor

170B_{5CG}

Commercial Specifications

Picture/Display

- LCD Panel Type : 1280 x 1024 pixels, Anti-glare Polarizer,
  : RGB Vertical Stripe
- Panel Size : 17"
- Effective Viewing Area : 337.9 x 270.3 mm
- Pixel Pitch : 0.264 x 0.264 mm
- Brightness (nits) : 250
- Contrast Ratio : 450:1
- Display Colors : 16.7 M
- Viewing Angle (C/R > 5)
  - Horizontal : 150°
  - Vertical : 140°
- Response Time : 16 ms
- White Chromaticity, 6500° K : $x = 0.313 / y = 0.329$
- White Chromaticity, 9300° K : $x = 0.283 / y = 0.297$
- Maximum Resolution : 1024 x 768 @ 75Hz
- Recommended Resolution : 1280 x 1024 @ 60Hz
- Factory Preset Modes : 15 modes
- User Definable Modes : 16 modes
- Horizontal Scanning
  Frequency : 30 - 82 KHz
- Refresh Rate (V) : 56 - 76 Hz
- sRGB : Yes

Connectivity

- Signal Input : Analog (VGA), DVI-D, PC Audio in
- I/O Interface on Pad : Headphone Jack

Convenience

- Built-in Audio : 2W RMS x 2 (32 PMPO) stereo speakers
- Convenience Enhancements : On-screen Display
- Monitor Controls : Auto, Brightness Control, Left/Right,
  Menu (OK), Power On/Off, Up/Down
- OSD Languages : English, French, German, Italian, Simplified
  Chinese, Spanish
- Other Convenience Features : Kensington Lock
- Plug & Play Compatibility : DDC/CI, sRGB, Windows 98/ME/2000/XP
- Regulatory Approvals : CE Mark, E2000, FCC-B, UL, CSA, MPRII Low
  Emission, NUTEK, Energy Star, SEMKO,
  TCO'03, TCO'99, TÜV/GS, TÜV Ergo,
  EMC
- Swivel : +/- 125°
- Tilt : -5° to 25°
- VESA Mount : 100 mm x 100 mm

Accessories

- User Manual : Yes
- Included Accessories : AC Power Cord, VGA Cable, Audio Cable

Dimensions

- Depth (with base) : 210 mm
- Height (with base) : 431 mm
- Width (with base) : 375 mm
- Height Adjustment Range : 70 mm
- MTBF : 50,000 (excl. CCFL 40,000) hrs
- Relative Humidity : 20 % - 80 %
- Temperature Range (Operation) : +5°C to +40°C
- Temperature Range (Storage) : -20°C to +60°C
- Weight : 4.8 kg

Power

- Complies With : E2000, Energy Star, NUTEK
- Consumption : 30 W (Typical)
- Power LED Indicator : Operation, Green; Stand by/Sleep, Amber
- Power Supply : Built-in
- Sleep Mode : < 1 W

Product Highlights

Zero Bright Dot™
Bright dots are defects in a LCD panel once thought to be an inevitable part of the manufacturing process. With Zero Bright Dot™, a monitor is guaranteed without bright dot.

sRGB ready
Calibrated RGB that is optimized for the vast majority of computer monitors, operating systems and browsers, so as to allow accurate color mapping with very little data overhead.

Built-in speakers
Audio speakers built into a display device.

Adjustable height
The ability to set your monitor to the most pleasurable viewing height. Height adjustment makes computer work more comfortable and reduces fatigue or eyestrain, even when you spend long hours working on the computer. It makes you more productive.

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
Connectors to accommodate input of both analog VGA and digital DVI signals.

Cable management
A system for organizing cables and wires required for the operation of a display device.

Fast Response Time
The amount of time it takes for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Lower numbers mean faster transitions and therefore results in fewer visible image artifacts.

Screen tilt and swivel
Movement of a screen to attain the ideal viewing angle.

Lower Power Consumption
Reduction of the electrical power required to operate a device.

Kensington anti-theft lock
A security device that fixes the monitor in place to prevent theft.

Embedded power supply
A power adaptor built into the body of a display device that replaces a bulky external power adaptor.

VESA mounting holes
A unified industry standard for mounting IT equipment set by the Video Electronics Standards Association.

FlexiHolder
A slim groove that improves efficiency by holding reminder notes, documents, name cards, or photos on the top of monitor.

As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency.
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