



Philips
LCD monitor

17"
SXGA

170A7FB



Great convenience and audio maximizes your budget

More productivity, lower total ownership cost: This slim, compact 170A7 delivers great performance and convenience that enhances productivity while built-in speakers and business-friendly features like SmartManage help stretch your budget.

Best total cost of ownership solution

- Empowered for Windows Vista
- SmartManage compatibility enables LAN-based asset management
- TCO'03 guarantees the highest safety and ergonomic standards
- Power consumption below the industry average
- Environmentally responsible Energy Star partner

Outstanding front of screen performance

- SXGA 1280 x 1024 resolution for sharper display
- Fast 8ms On/off response time: Great text & graphics display
- sRGB ensures color matching between display and printouts

Great convenience

- Easy to adjust display settings with Philips SmartControl
- Built-in speakers for audio without desktop clutter
- Convenient, built in holder for notes, cards or photos

PHILIPS
sense and simplicity

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):** 600:1
- **Display ratio:** 16:2 M
- **Viewing angle:** 160° (H) / 160° (V), @ C/R > 5
- **Response time (typical):** 8 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
- **Recommended Resolution:** 1280 x 1024 @ 60 Hz
- **Video Dot Rate:** 140 MHz
- **Horizontal Scanning Frequency:** 30 - 83 kHz
- **Vertical Scanning Frequency:** 56 - 76 Hz
- sRGB

Connectivity

- **Signal Input:** Analog (VGA), PC Audio in
- **Audio output:** Stereo Audio (3.5 mm jack) 1x
- **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

- **Built-in Audio:** 2 W RMS x 2 Stereo Speakers
- **Convenience Enhancements:** 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, Simplified Chinese, 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
- **Tilt:** -5° to 25°
- **VESA Mount:** 100 x 100 mm

Accessories

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

Dimensions

- **Box dimensions (W x H x D):** 449 x 182 x 489 mm
- **Box dimensions in inch (W x H x D):** 17.7 x 7.2 x 19.3 inch
- **Set dimensions (W x H x D):** 382 x 340 x 58 mm
- **Set dimensions in inch (W x H x D):** 15 x 13.4 x 2.3 inch
- **Set dimensions with stand (W x H x D):** 382 x 390 x 200 mm
- **Set dimensions with stand in inch (W x H x D):** 15 x 15.4 x 7.9 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):** 4.8 kg
- **Product weight (+stand) (lb):** 10.6 lb
- **Weight incl. Packaging:** 6.2 kg
- **Weight incl. Packaging (lb):** 13.7 lb

Power

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

Product 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.

TCO '03 compliance

A TCO (Swedish Confederation of Professional Employees) standard even more stringent than MPR-II for safety and ergonomics, especially concerning alternating electric fields (AEF).

Lower power consumption

Reduction of the electrical power required to operate a device.

Energy Star partner

A manufacturer in compliance with power conservation requirements set forth by the Environmental Protection Agency of the U.S. government.

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.

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.

sRGB ready

sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

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

Audio speakers built into a display device.

FlexiHolder

FlexiHolder is a slim groove on the top of monitor that neatly and conveniently stores favorite photos, reminders, to-do lists or phone numbers in your line of sight.



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