

17" (16.0" VIS) Real Flat monitor

107S₅₁

- 17-inch (16.0" VIS) Real Flat color monitor with excellent front of screen performance for use with MACs and PCs
- Autoscan covers horizontal frequencies up to 71 kHz offering a maximum resolution of 1280 x 1024 with flicker free display of 1024 x 768 at up to 89 Hz
- Real Flat, High Contrast CRT with high-resolution 0.25 mm dot pitch (0.21 hdp)
- XSD-Xtra Space Design for large screen display in a small footprint: World's shortest 17-inch Real Flat monitor with maximum depth of only 424 mm/16.7"
- Multimedia Base option



Optional Multimedia Base (6G3B11)

All accessories might not be available in all markets. Please check with your local Philips representative for availability.

PHILIPS

17" (16.0" VIS) Real Flat monitor



Technical Specifications

CRT panel

- Size (inch/cm) 17"/ 41 cm
- Deflection angle (degrees) 90°
- Dot pitch 0.25 mm
- Horizontal pitch 0.21 mm
- -Tube type Shadow mask, Real Flat, High Brightness, High Contrast, Anti Glare, Anti Static, Anti reflection, Light Transmission 45%
- Phosphor P22
- Recom. display area(mm) 306 x 230 mm
- Recom. display area(inch) 12.0" x 9.0"
- Max. display area(mm) 325 x 244 mm
- Max. display area(inch) 12.8" x 9.6"

Scanning

- Horizontal scanning 30 - 71 kHz
- Vertical scanning 50 - 160 Hz

Video

- Video dot rate 120 MHz
- Input impedance
 - Video 75 Ohm
 - Sync 2.2k Ohm
- Input signal levels 0.7 Vpp
- Sync input signal Separate sync
Composite sync
- Sync polarities Positive and negative

White color temperature

Chromaticity CIE coordinates

- at 9300 K: x=0.283, y=0.297
- at 6500 K: x=0.313, y=0.329

Resolution & preset modes

- Max. resolution 1280 x 1024
 - Recom. resolution 1024 x 768
 - 8 user definable modes
 - 14 factory preset modes
- | | H.freq (KHz) | V.freq (Hz) |
|-------------|--------------|-------------|
| 640 x 350 | 31.5K | 70 |
| 640 x 350 | 37.9K | 85 |
| 640 x 480 | 37.9K | 72 |
| 640 x 480 | 37.5K | 75 |
| 640 x 480 | 50.6K | 100 |
| 720 x 400 | 37.9K | 85 |
| 800 x 600 | 37.9K | 60 |
| 800 x 600 | 48.1K | 72 |
| 800 x 600 | 63.9K | 100 |
| 832 x 624 | 49.7K | 75 |
| 1024 x 768 | 48.4K | 60 |
| 1024 x 768 | 56.5K | 70 |
| 1152 x 864 | 67.5K | 75 |
| 1280 x 1024 | 64.0K | 60 |

Plug and play compatibility

- Display Data Channel DDC 2B (VESA)
- Microsoft® Windows® 95/98/Me & 2000/NT/XP compatible
- sRGB

Power management

- Complies with EPA Energy Star and NUTEK specifications
- Operation 68 W (typical)
- Off mode/Deep Sleep < 1 W

Low-emission characteristics

- Complies with MPR-II specifications

Monitor controls and functions

- Main 3-button OSD
Brightness +/- direct access
Contrast +/- direct access
- On Screen Display Language (English, Spanish, French, German, Italian, Chinese, Portuguese, Korean), zoom, horizontal, vertical, pincushion, balanced, trapezoid, parallelogram, color, reset, degauss, moire, serial number, resolution, frequency, sRGB

Connections and cables

- Connections
 - Video 15-pin D-sub (analog)
- Cables D-Sub Video cable(fixed), power cord

Regulatory approvals

- MPR-II Low Emission
- TÜV/GS, TÜV/Ergo
- FCC-B, UL, CSA, DHHS
- SEMKO, Poland-B sign, C-Tick
- CE, BSMI, PSB
- NUTEK, Energy Star

Physical specifications

- Dim. incl. base (WxHxD) 397 x 383 x 424 mm
- Dim. incl. base (WxHxD) 15.6" x 15.1" x 16.7" inch
- Dim. excl. base (WxHxD) 397 x 333 x 424 mm
- Dim. excl. base (WxHxD) 15.6" x 13.1" x 16.7" inch
- Weight 15.5 kg
- Power supply Please refer to rating label
- Temperature (operational) 0°C to 40°C/ 32°F to 104°F
- Temperature (storage) -25°C to 65°C/ -13°F to 149°F
- Relative humidity 5% to 95%
- MTBF > 75,000 H

Other

- Multimedia Base option type: 6G3B11

As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency. Microsoft and Windows are registered trademarks of Microsoft Corporation
MacOS is a registered trademark of Apple Computer, Inc.

All data subject to change without notice
Release date: January 2004

www.philips.com

