ComX Computers
Product Specification Sheet

MNPH236V3LSB

Philips 23" wide LED Monitor



Specifications

Overview:

Great picture quality

- LED technology for natural colors.
- SmartContrast 10000000:1 for incredible rich black details.
- 16:9 Full HD display for best viewing experience.

Design that complements any interior

- Attractive slim, glossy design.
- Small footprint to blend into any lifestyle.

Greener everyday

- Mercury Free eco-friendly display.
- Energy Star for energy efficiency and low power consumption.

Great convenience

- Easy display performance tuning with SmartControl Lite.

Features:

LED technology for natural colors
White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

SmartContrast 10000000:1 for incredible rich black details
You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

16:9 Full HD display for best viewing experience
The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

Easy display performance tuning with SmartControl Lite
SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the monitor like Color, Brightness, screen calibration, Multi-media, ID management, etc with the mouse.

Mercury Free eco-friendly display
Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances which affects humans and animals. This allows for a eco-friendly display through out its life-cycle from manufacturing to disposal.

Energy Star for energy efficiency and low power consumption
Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1watt power consumption, whereas Philips monitors consume less than 0.5watts.

Specifications:

Picture/Display	
LCD panel type	TFT-LCD
Backlight type	W-LED system
Panel Size	23 inch / 58.4 cm
Effective viewing area	509.18 (H) x 286.42 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Response time (typical)	5 ms
Brightness	250 cd/m²
SmartContrast	10, 000, 000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.265x 0.265 mm
Viewing angle	170º (H) / 160º (V), @ C/R > 10
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -75 Hz (V)
sRGB	Yes
Connectivity	
Signal Input	VGA (Analog), DVI-D (digital, HDCP)
Sync Input	Separate Sync, Sync on Green
Convenience	
User convenience	Auto, 4:3 / Wide, Brightness, Menu, Power On/Off

OSD Languages	English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese, Turkish
Other convenience	Kensington lock
Plug & Play Compatibility	DDC/CI, Mac OS X, sRGB, Windows 7
Stand	
Tilt	-5/+20 degree
Power	
On mode	23.7 W (EnergyStar 5.0 test method)
Standby mode	0.5 W
Off mode	0.5 W
Power LED indicator	Operation - White, Standby mode- White (blinking)
Power supply	Built-in, 100-240VAC, 50/60Hz
Dimensions	
Product with stand (mm)	566 x 426 x 219 mm
Product without stand (mm)	566 x 355 x 44 mm
Packaging in mm (WxHxD)	614 x 440 x 112 mm
Weight	
Product with stand (kg)	3.19 kg
Product without stand (kg)	2.22 kg
Product with packaging (kg)	4.54 kg
Operating conditions	
Temperature range (operation)	0 degreesC to 40 degreesC degreesC
Temperature Range (storage)	-20 degreesC to 60 degreesC degreesC
Relative humidity	20%-80 %
MTBF	30, 000 hour(s)
Sustainability	
Environmental and energy	EnergyStar 5.0, EPEAT Silver, RoHS, Lead-free, Mercury Free
Recyclable packaging material	100 %
Compliance and standards	
Regulatory Approvals	BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TUV Ergo, TUV/GS, UL/cUL, WEEE
Cabinet	
Color	Black
Finish	Glossy (front bezel) /Texture (rear cover)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/MNPH236V3LSB-Philips-23-wide-LED-Monitor-p-61778.php

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