ComX Computers
Product Specification Sheet

MNPH190V3LSB

Phillips 19" wide LED Backlit Monitor



Specifications

Overview:

Great picture quality

- LED technology for natural colors.
- SmartContrast 10000000:1 for incredible rich black details.

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.

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. Further details can be obtained from www.energystar.gov.

Specifications:

Picture/Display	
LCD panel type	TFT-LCD
Backlight type	W-LED system
Panel Size	19 inch / 48.3 cm
Effective viewing area	408.24 (H) x 255.15 (V)
Aspect ratio	16:10
Optimum resolution	1440 x 900 @ 60 Hz
Response time (typical)	5 ms
Brightness	250 cd/m²
SmartContrast	10, 000, 000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.2835x 0.2835 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	18 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)	462 x 383 x 199 mm
Product without stand (mm)	462 x 319 x 47 mm
Packaging in mm (WxHxD)	506 x 402 x 101 mm
Weight	
Product with stand (kg)	2.318 kg
Product without stand (kg)	2.89 kg
Product with packaging (kg)	3.929 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/MNPH190V3LSB-Phillips-19-wide-LED-Backlit-Monitor-p-55046.php

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