ComX Computers
Product Specification Sheet

MNPH237E4QHAD

Philips IPS LED PANEL 23" Wide Monitor







Specifications

Overview:

Experience big entertainment from your mobile device. This new philips display with mobile hd link technology enables you to watch hd videos and other content directly from your mhl mobile device while charging it.

Features:

Mhl technology
Mobile high-definition link (mhl) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional mhl cable allows you to simply connect your mhl-capable mobile device to this large philips mhl display and watch your hd videos come to life with full digital sound. Now not only can you enjoy your mobile games, photos, movies or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power halfway.

Ips technology
Ips displays use an advanced technology that gives you extra wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle-even in 90 degree pivot mode! Unlike standard tn panels, ips displays gives you remarkably crisp images with vivid colours, making it ideal not only for photos, movies and web browsing, but also for professional applications, which demand colour accuracy and consistent brightness at all times.

Smartimage lite
Smartimage lite is an exclusive, leading edge philips technology that analyses the content displayed on your screen. Based on a scenario you select, smartimage lite dynamically enhances the contrast, colour saturation and sharpness of images and videos for ultimate display performance - all in real time with the press of a single button.

Hdmi ready
An hdmi-ready device has all the required hardware to accept high-definition multimedia interface (hdmi) input, high quality digital video and audio signals all transmitted over a single cable from a pc or any number of av sources including set-top boxes, dvd players and a/v receivers and video cameras.

16:9 full hd
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 sources such as 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 colours.

Truevision
Truevision is a proprietary philips technology that uses an advanced algorithm for testing and aligning the monitor display, which gives you the ultimate display performance 4 times more stringent than windows srgb requirements. Only philips ensures each and every monitor that leaves the factory is fine tuned with this process so you can get consistent colour and picture quality.

Touch controls
Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch, touch control gives the monitor a modern feel.

Specifications:

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Specifications	
Product Code	MNPH237E4QHAD
Picture/Display	
LCD panel type	IPS LCD
Backlight type	W-LED system
Panel Size	23 inch/58.4 cm
Effective viewing area	509.18 (H) x 286.41 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
SmartResponse (typical)	7 ms (Grey to Grey)
Brightness	250 cd/m²
Contrast ratio (typical)	1000:1
SmartContrast	20, 000, 000:1
Pixel pitch	0.265 x 0.265 mm
Viewing angle	178º (H)/178º (V), @ C/R > 10

Picture enhancement	SmartImage Lite
Display colours	16.7 M
Scanning Frequency	30-83 kHz (H)/56-75 Hz (V)
MHL	1080P @ 30 Hz
sRGB	Yes
Connectivity	
Signal Input	VGA (Analogue), HDMI (digital, HDCP), MHL-HDMI (digital, HDCP)
Sync Input	Separate Sync, Sync on Green
Audio In/Out	HDMI audio out
Convenience	
User convenience	SmartImage lite, Input, 4:3/Wide, Menu, Power On/Off
OSD Languages	English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
Other convenience	Kensington lock
Plug and Play Compatibility	DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP
Stand	
Tilt	-5/20 degree
Power	
On mode	28.6 W (EnergyStar 5.0 test method)
Standby mode	0.5 W
Off mode	0.3 W
Power LED indicator	Operation - White, Standby mode - White (flashing)
Power supply	External, 100-240 VAC, 50-60 Hz
Dimensions	
Product with stand (mm)	547 x 420 x 193 mm
Product without stand (mm)	547 x 335 x 37 mm
Packaging in mm (W x H x D)	600 x 500 x 100 mm
Weight	
Product with stand (kg)	2.82 kg
Product without stand (kg)	2.52 kg
Product with packaging (kg)	4.17 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% %
Altitude	Operation: +12, 000 ft (3658 m), Non-operation: +40, 000 ft (12, 192 m)
MTBF	30, 000 hour(s)
Sustainability	

Environmental and energy	EnergyStar 5.0, EPEAT Silver, RoHS, Lead-free, Mercury Free
Recyclable packaging material	1
Compliance and standards	
Regulatory Approvals	BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TCO 5.2, TUV/ISO9241-307, UL/cUL, WEEE
Cabinet	
Colour	Black Cherry
Finish	Glossy

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/MNPH237E4QHAD-Philips-IPS-LED-PANEL-23-Wide-Monitor-p-100180.php

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