ComX Computers
Product Specification Sheet

MNPH241P4QPYEB/01

Philips 241P4QPYEB 24" Wide LED Monitor

Product Overview

Philips 241P4QPYEB 24" wide AMVA LED Monitor, Aspect Ratio: 16:9, Resolution: 1920 x 1080p, Brightness: 250cd, Contrast: 20 000 000:1, Response time: 12ms, Power: 15w, Inputs: DISPLAY PORT,DVI-D & VGA, Colour: Black Texture, Extras: AMVA LED Panel, Power Sensor, 130mm Height Adj Stand 110mm, speakers with Pivot feature, 4 X USB Ports



Specifications

Features:

Sustainable eco design display
The Philips PowerSensor AMVA LED display using 65% post consumer recycled plastics and PVC, BFR free housing is ideal for eco-friendly productivity

PowerSensor saves up to 80% energy costs
PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life.

AMVA LED for wide-view super-high contrast, vivid images
Philips AMVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images even in 90 degree pivot mode

SmartErgoBase enables people-friendly ergonomic adjustments
The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.

Low bezel-to-table height for maximum reading comfort
The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

SmartImage presets for easy optimized image settings
SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

DisplayPort offers audio and video over a single, long cable
DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

USB Hub with 4 ports for easy connections
USB Hub allows user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices which has USB connection available. The conveniently located USB 2.0 Hub on the monitor allows USB 2.0 signals to pass thru to the computer. Note that many devices like cameras and HDD may need to be powered On independently, as they have higher power requirements than the monitor USB Hub can provide.

65% post consumer recycled plastics with TCO Edge
TCO Edge certification is given to products which go beyond existing eco-labeling programs. Over and above standard TCO requirements, it further mandates that the product uses minimum 65% of post consumer recycled plastics, is energy efficient, uses minimal hazardous materials, has 100% recyclable packaging, and is designed for easy recycling amongst other requirements. You can rest assured that this Philips monitor is a cutting edge technology product which is best in class ICT, benefitting you and the planet while helping you make a responsible green IT purchase!

Built-in stereo speakers for multimedia
A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

PVC-BFR free housing
This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

Zero power consumption with 0 watt hard switch
At the flick of the 0 watt hard switch which is conveniently located at the back, you can completely cut-off your monitor from AC power. This results in zero power consumption reducing your carbon footprint even further

Specifications:

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Specifications	
Product Code	MNPH241P4QPYEB/01
Picture/Display	
LCD panel type	AMVA LCD
Backlight type	W-LED system

Panel Size	24 inch / 61 cm
Effective viewing area	531.4 (H) x 298.9 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60Hz
Response time (typical)	12 ms
SmartResponse (typical)	4 ms (Gray to Gray)
Brightness	250 cd/m²
Contrast ratio (typical)	3, 000:1
SmartContrast	20,000,000 :1
Pixel pitch	0.276 x 0.276 mm
Viewing angle	178º (H) / 178º (V)
	@ C/R > 10
Picture enhancement	SmartImage
Display colors	16.7 M
Scanning Frequency	30 - 83 kHz (H) / 56 - 75 Hz (V)
sRGB	Yes
Stand	
Height adjustment	130 mm
Pivot	90 degree
Swivel	-65/+65 degree
Tilt	-5/20 degree
Power	
ECO mode	15 W (typ.)
On mode	21.3 W (typ.) (EnergyStar 6.0 test method)
Standby mode	0.1W
Off mode	Zero watts with Zero switch
Power LED indicator	Operation - White
	Standby mode- White (blinking)
Power supply	Built-in
	100-240VAC, 50-60Hz
Dimensions	
Product with stand(max height)	565 x 521 x 220 mm
Product without stand (mm)	565 x 353 x 61 mm
Packaging in mm (WxHxD)	626 x 422 x 273 mm
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, 000ft (3, 658m), Non-operation: +40, 000ft (12, 192m)
MTBF	30,000 hour(s)
Compliance and standards	
Regulatory Approvals	BSMI
	CE Mark
	cETLus
	FCC Class B
	GOST
	SASO
	SEMKO
	TCO 6.0
	TUV Ergo
	TUV/GS
	WEEE
Connectivity	
Signal Input	DisplayPort
	DVI-D (digital, HDCP)
	VGA (Analog)
USB	USB 2.0 x 4
Sync Input	Separate Sync
	Sync on Green
Audio (In/Out)	PC audio-in
	Headphone out
Convenience	
Built-in Speakers	1.5Wx2
User convenience	SmartImage
	Volume
	PowerSensor
	Menu
	Power On/Off
Control software	SmartControl Premium

OSD Languages	Brazil Portuguese
	Czech
	Dutch
	English
	Finnish
	French
	German
	Greek
	Hungarian
	Italian
	Japanese
	Korean
	Polish
	Portuguese
	Russian
	Simplified Chinese
	Spanish
	Swedish
	Traditional Chinese
	Turkish
	Ukranian
Other convenience	Kensington lock
	VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI
	Mac OS X
	sRGB
	Windows 8/7/Vista
Weight	
Product with stand (kg)	5.30 kg
Product without stand (kg)	3.10 kg
Product with packaging (kg)	7.93 kg
Sustainability	
Environmental and energy	PowerSensor
	EnergyStar 6.0
	EPEAT Gold
	TCO edge
	RoHS

Recyclable packaging material	100 %
Post consumer recycled plastic	0.65
Specific Substances	PVC / BFR free housing
	Mercury free
	Lead free
Cabinet	
Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

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/MNPH241P4QPYEB-01-Philips-241P4QPYEB-24-Wide-LED-Monitor-p-140595.php

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