ComX Computers
Product Specification Sheet

MNPH243V7QDSB

Philips 243V7QDSB 23.8" IPS Full HD 1920x1080 narrow border Display, DVI, HDMI, VGA

Product Overview

Philips 243V7QDSB 23.8" IPS Full HD 1920x1080 narrow border Display, W-LED system backlight, 16:9 Aspect Ratio, 1920x1080 @ 60 Hz, 93 PPI Pixel density, 4 ms (GTG) response time, 250 nits brightness, 1000:1 contrast ratio, 178 degree viewing angle, Lowblue mode, sRGB, VGA, DVI-D, HDMI, HDMI audio out, Tilt







Specifications

Overview:

243V7QDSB/73 Vivid, crisp images, from edge-to-edge
A perfect all around display with stunning images that stretch from edge-to edge, made easy on the eyes, in a compact slim design

Features:

IPS LED wide view technology for image and color accuracy
IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

16:9 Full HD display for crisp detailed images
Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

Narrow border display for a seamless appearance
The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

SmartContrast for rich black details
SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

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!

Less eye fatigue with Flicker-free technology
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

LowBlue Mode for easy on-the-eyes productivity
Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

HDMI-ready for Full HD entertainment
An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

Specifications:

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Specifications	
Product Code	MNPH243V7QDSB
Picture/Display	
LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	23.8 inch / 60.5 cm

Effective viewing area	527.04 (H) x 296.46 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Pixel Density	93 PPI
Response time (typical)	4 ms (GtG)
Brightness	250 cd/m²
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.275 x 0.275 mm
Viewing angle	178º (H) / 178º (V)
	@ C/R > 10
Flicker-free	Yes
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -76 Hz (V)
LowBlue Mode	Yes
sRGB	Yes
Connectivity	
Signal Input	VGA (Analog)
	DVI-D (digital, HDCP)
	HDMI (digital, HDCP)
Sync Input	Separate Sync
	Sync on Green
Audio (In/Out)	HDMI audio out
Convenience	
User convenience	Power On/Off
	Menu/OK
	Brightness/UP
	Input/Down
	SmartImage/Back

OSD Languages	Brazil Portuguese
	Czech
	Dutch
	English
	Finnish
	French
	German
	Greek
	Hungarian
	Italian
	Japanese
	Korean
	Polish
	Portuguese
	Russian
	Spanish
	Simplified Chinese
	Swedish
	Turkish
	Traditional Chinese
	Ukranian
Other convenience	Kensington lock
	VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI
	Mac OS X
	sRGB
	Windows 10 / 8.1 / 8 / 7
Stand	
Tilt	-5/20 degree
Power	
On mode	13.82 W (typ.) (EnergyStar 7.0 test method)
Standby mode	0.5 W (typ.)
Off mode	0.5 W (typ.)
Power LED indicator	Operation - White
	Standby mode- White (blinking)
Power supply	Built-in
	100-240VAC, 50-60Hz

Dimensions	
Product with stand (mm)	540 x 415 x 209 mm
Product without stand (mm)	540 x 325 x 45 mm
Packaging in mm (WxHxD)	588 x 465 x 115 mm
Weight	
Product with stand (kg)	3.50 kg
Product without stand (kg)	3.10 kg
Product with packaging (kg)	4.82 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, 000ft (3, 658m), Non-operation: +40, 000ft (12, 192m)
MTBF	50,000 (Excluded backlight) hour(s)
Sustainability	
Environmental and energy	EnergyStar 7.0
	RoHS
	Lead-free
	Mercury Free
Recyclable packaging material	100 %
Compliance and standards	
Regulatory Approvals	CU
	SEMKO
	cETLus
	TUV/ISO9241-307
	WEEE
	TCO Certified
	CE Mark
	FCC Class B
	ICES-003
	RCM
	UKRAINIAN
	VCCI
	KCC
	CECP
	TUV Cert. - blue light cut-off
Cabinet	

Color	Black
Finish	Textured

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/MNPH243V7QDSB-Philips-243V7QDSB-23-8-IPS-Full-HD-1920x1080-narrow-border-Display-p-240629.php

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