ComX Computers
Product Specification Sheet

24M1N3200Z

Philips Momentum Gaming Anti-glare 24" Monitor

Product Overview

Philips Momentum Gaming Anti-glare 24" Monitor, IPS Response: 1ms Resolution: 1920 x 1080 (FHD) RR: 165Hz HDMI x2, Display port, Audio out Speaker: No Power supply: External Tilt: Yes Swivel: -/ 45 degree Pivot: Yes H adjust: 130mm VESA: Yes Accessories: HDMI and DP cables,



Specifications

Overview:

This Philips gaming monitor is a great all-around display for intense action-packed PC games. AMD FreeSync, 165Hz and 1ms deliver smooth gameplay. Virtually frameless display with Ultra Wide-Color enhances immersive visual experience.

Features:

AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium equips serious gamers with a fluid, tear-free gameplay experience at peak performance. There are no compromises, game confidently with a high refresh rate, low framerate compensation, and low latency.

165Hz refresh rates for ultra-smooth, brilliant images
You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up-to 165 times per second, effectively faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With 165Hz frame rate, you get those critical missing images on the screen which shows enemy movement in ultra-smooth motion so you can easily target them. With ultra-low input lag and no screen tearing, this Philips display is your perfect gaming partner

1ms (MPRT) fast response for crisp image and smooth gameplay
MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers shaper and precise visuals to enhance gaming experience. Best choice for playing thrilling and twitch-sensitive games.

Low input lag reduces time delay between devices to monitor
Input lag is the amount of time that elapses between performing an action with connected devices and seeing the result on

screen. Low input lag reduces the time delay between entering a command from your devices to monitor, greatly improve on playing twitch-sensitive video games, particularly important to whom plays fast-paced, competitive games.

SmartImage game mode optimized for gamers
The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

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.

LowBlue mode and Flicker-free easy-on-the eyes viewing
Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

SmartErgoBase enables people-friendly ergonomic adjustments
The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

EasySelect menu toggle key for quick on-screen menu access
The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

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.

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.

Ultra Wide-Color wider range of colors for a vivid picture
Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

Specifications:

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Specifications	
Product Code	24M1N3200Z
Picture/Display	
LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	23.8 inch / 60.5 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	527.04 (H) x 296.46 (V)
Aspect ratio	16::9
Maximum resolution	1920 x 1080 @ 165 Hz
Pixel Density	92.56 PPI
Response time (typical)	4 ms (Gray to Gray)
MPRT	1 ms
Low Input Lag	Yes
Brightness	250 cd/m²
SmartContrast	Mega Infinity DCR
Contrast ratio (typical)	1100::1
Pixel pitch	0.2745 x 0.2745 mm
Viewing angle	178º (H) / 178º (V)
	@ C/R > 10
Flicker-free	Yes
Color gamut (min.)	DCI-P3 94.1%
Color gamut (typical)	NTSC 80.5%*, sRGB 99.9%*, Adobe RGB 90.4%
Picture enhancement	SmartImage game
Display colors	16.7 M
Scanning Frequency	30 - 200 kHz (H) / 48 - 165 Hz (V)
LowBlue Mode	Yes
EasyRead	Yes
sRGB	Yes
AMD FreeSync technology	Premium
Connectivity	
Signal Input	HDMI x 2, DisplayPort x1
HDCP	HDCP 2.2 (HDMI / DisplayPort)
Audio (In/Out)	Audio out
Sync Input	Separate Sync
Convenience	

User convenience	Power On/Off
	Menu/OK
	Input/Up
	Game Settings/Down
	SmartImage game/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
	Ukrainian
Other convenience	Kensington lock
	VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI
	Mac OS X
	sRGB
	Windows 10 / 8.1 / 8 / 7
Stand	
Height adjustment	130 mm
Pivot	-/ 90 degree
Swivel	-/ 45 degree
Tilt	-5/20 degree

Power	
On mode	24 W (typ.)
Standby mode	0.5 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White
	Standby mode- White (blinking)
Power supply	External
	100-240VAC, 50-60Hz
Dimensions	
Product with stand(max height)	540 x 513 x 213 mm
Product without stand (mm)	540 x 321 x 43 mm
Packaging in mm (WxHxD)	600 x 526 x 164 mm
Weight	
Product with stand (kg)	3.70 kg
Product without stand (kg)	2.40 kg
Product with packaging (kg)	5.65 kg
Operating conditions	
Temperature range (operation)	0 degreesC to 40 degreesC
Temperature range (storage)	-20 degreesC to 60 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	RoHS
Recyclable packaging material	100 %
Specific Substances	Mercury free
	PVC / BFR free housing
Compliance and standards	

Regulatory Approvals	CB
	TUV/ISO9241-307
	TUV-BAUART
	CU-EAC
	EAEU RoHS
	CE Mark
	FCC Class B
	ICES-003
	MEPS
	RCM
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/24M1N3200Z-Philips-Momentum-Gaming-Anti-glare-24-Monitor-p-269097.php

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