27M2N3200NF/00

This 27-inch Fast IPS monitor brings sharp visuals to gaming. With its 144Hz refresh rate and 0.5ms Smart MBR, you can expect clear visuals and a high-quality all-around gaming experience.

GENERAL

Brand	Philips Monitors/MMD
Description	Fast IPS Gaming monitor 27M2N3200NF Full HD gaming monitor
Footnotes	- "IPS" word mark / trademark and related patents on technologies belong to their respective owners. - Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976. - For best output performance, please always ensure that your graphic card is capable of achieving the maximum resolution and refresh rate of this Philips display. - Response time value equal to SmartResponse. - Smart MBR is to adjust brightness for blur reduction, so cannot adjust brightness while Smart MBR is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change. - Smart MBR is gaming-optimized mode. Turn on Smart MBR may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function. - Please note that the low input lag feature is permanently enabled and cannot be switched off. - NVIDIA® G-SYNC® support interface: DisplayPort - Make sure to update NVIDIA® G-SYNC® driver to the latest version, see more information on NVIDIA website: https://www.nvidia.com/ - Make sure your graphic card supports NVIDIA® G-SYNC® - This monitor strives for sustainability: the monitor's chassis is made up of 85% post-consumer recycled plastic. - The monitor may look different from feature images. - The products and accessories listed on this leaflet may differ by country and region.

DISPLAY INFORMATION

Effective viewing area	597.888(H) x 336.312(V)mm
Display Screen coating	Anti-Glare, 3H, Haze 25%
Response time (typical)	4 ms (Gray to Gray)*
Brightness	300 cd/m²
Contrast ratio (typical)	1500:1
Pixel Pitch	0.3114 x 0.3114m
Viewing Angle	178º (H) / 178º (V); @ C/R > 10
Scanning Frequency	30-160kHz(H)/ 48-144Hz(V)
sRGB	Yes
Picture enhancement	SmartImage game
Pixel Density	81.59 PPI
LowBlue Mode	Yes
Adaptive Sync	Yes
Low Input Lag	Yes*
G-SYNC	Yes
SmartContrast	Mega Infinity DCR
Colour Gamut (typical)	Adobe RGB 90%; DCI-P3:95%, sRGB: 120%, NTSC 110%*
HDR	HDR 10 supported

CONNECTIVITY INFORMATION

Sync input	Separate Sync
Audio (In/Out)	Headphone out
HDCP	HDCP 1.4 (HDMI / DP)
Signal input	HDMI 1.4 x 1, DisplayPort 1.4 x 1

OTHER INFORMATION

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); LowBlue Mode
Plug and Play Compatibility	DDC/CI; Mac OS; sRGB; Windows 11 / 10
Control software	Evnia Precision Center

STAND

Tilt	-5/20 degree

POWER CONSUMPTION

On mode	21.6 W (typ.)
Standy mode	0.5 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White; Standby mode- White (blinking)
Power supply	Internal; 100-240VAC, 50-60Hz
Energy label class	E

PRODUCT DIMENSIONS

Product with stand (max height)	616x 463 x 216 mm
Product without stand (mm)	616 x 362 x55 mm
Packaging in mm (W x H x D)	780 x 455 x139 mm

WEIGHT

Product with stand (kg)	3.72 kg
Product without stand (kg)	3.17 kg
Product with packaging (kg)	6.06 kg

OPERATING CONDITION

Temperature range (operation)	0°C to 40 °C
Temperature range (storage)	-20°C to 60 °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	50,000 (Excluded backlight)

SUSTAINABILITY

Environmental and energy	RoHS
Recyclable packaging material	100 %

CABINET INFORMATION

Colour	Charcoal
Finish	Textured

COMPLIANCE AND STANDARDS

Regulatory Approvals	CB; CE Mark; INMETRO; ETL; CEC; TUV/ISO9241-307; TUV-BAUART; EAC; EAC ROHS; UKCA; EMF; FCC; ICES-003

WHAT'S IN THE BOX

Cables	HDMI cable, Power cable