Philips Evnia 3000 27M2N3800A/00 computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Grey

Brand : Philips   **Product family:** Evnia   **Product code:**
27M2N3800A/00

Product name :
27M2N3800A/00

Fast IPS Gaming monitor 27M2N3800A Dual Resolution gaming monitor

Philips Evnia 3000 27M2N3800A/00 computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Grey:

Unlock next-level gaming with this Evnia monitor's Dual Resolution Mode. Seamlessly switch between 3840 x 2160 @ 160Hz and 1920 x 1080 @ 320Hz with a simple toggle for unmatched versatility and performance.
Philips Evnia 3000 27M2N3800A/00. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). VESA mounting. Product colour: Grey

Display

Display diagonal *	68.6 cm (27")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (peak)	450 cd/m²
Display brightness (typical)	350 cd/m²
Response time *	1 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	✔
Screen shape *	Flat
Supported graphics resolutions	1920 x 1080 (HD 1080), 3840 x 2160
Contrast ratio (typical) *	1000:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate *	320 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
SmartResponse	0.5 ms
Pixel pitch	0.1554 x 0.1554 mm
Pixel density	163 ppi
Horizontal scan range	30 - 360 kHz
Vertical scan range	48 - 320 Hz

Ports & interfaces

HDCP version	1.4/2.3

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✘
Tilt adjustment	✔
Tilt angle range	-5 - 20°
Picture-in-Picture	✔
On Screen Display (OSD)	✔
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by

Power

Power consumption (typical) *	25.65 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz

Operational conditions

Operating temperature (T-T)	0 - 40 °C

Display

Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68.5 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 400
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour depth	8 bit
Colour gamut standard	Adobe RGB, DCI-P3, NTSC, sRGB
sRGB coverage (typical)	130%
NTSC coverage (typical)	110%
Adobe RGB coverage	90%
DCI-P3 coverage	95%
Display sRGB	✔

Performance

Component video sync	Separate sync
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia

Number of speakers	2
RMS rated power	4 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design

Market positioning *	Gaming
Product colour *	Grey
Colour name	Graphite

Ports & interfaces

Built-in USB hub *	✘
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✔
HDCP	✔

Operational conditions

Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	3658 - 12192 m

Weight & dimensions

Width (with stand)	614 mm
Depth (with stand)	261 mm
Height (with stand)	519 mm
Weight (with stand)	5.6 kg
Width (without stand)	614 mm
Depth (without stand)	85 mm
Height (without stand)	368 mm
Weight (without stand)	3.75 kg

Packaging data

Package width	730 mm
Package depth	139 mm
Package height	455 mm
Package weight	8.33 kg

Packaging content

Stand included	✔
Cables included	AC, DisplayPort, HDMI
Manual	✔

Other features

Brand specific technologies	Crosshair
Low input lag	✔
Shadow control	✔
Picture-by-Picture (PbP)	✔
Exterior finish type	Textured
Picture enhancement	SmartImage game
Recyclable packaging material	100%
MultiView	2 Devices
EasyRead mode	✔
LowBlue mode	✔
(cdm) Software / function	Evnia Precision Center
Compliance certificates	RoHS
Regulatory Approvals	CB, CE Mark, TUV/ISO9241-307, TUV-BAUART, EAC, EAC ROHS, PSB, UKCA, EMF, FCC, ICES-003
Delta E	2
Adaptive synchronisation	✔
Philips SmartUniformity	93 - 105%
Mean time between failures (MTBF)	50000 h

Recycling data

Post-consumer recycled plastic	85%

8721038004298

Catalog Object Cloud