

## 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

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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		Ports & interfaces	
Display diagonal *	68.6 cm (27")	HDCP version	1.4/2.3
Display resolution *	3840 x 2160 pixels	Ergonomics	
HD type *	4K Ultra HD	VESA mounting *	✓
Native aspect ratio *	16:9	Panel mounting interface	100 x 100 mm
Display technology *	LCD	Cable lock slot *	✓
Panel type *	IPS	Cable lock slot type	Kensington
LED backlight	✓	Height adjustment *	✗
Backlight type	W-LED	Tilt adjustment	✓
Touchscreen *	✗	Tilt angle range	-5 - 20°
Display brightness (peak)	450 cd/m²	Picture-in-Picture	✓
Display brightness (typical)	350 cd/m²	On Screen Display (OSD)	✓
Response time *	1 ms	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
Response time measurement type	GTG (Gray to Gray)	Number of OSD languages	21
Anti-glare screen	✓	Plug and Play	✓
Screen shape *	Flat	LED indicators	Operation, Stand-by
Supported graphics resolutions	1920 x 1080 (HD 1080), 3840 x 2160	Power	
Contrast ratio (typical) *	1000:1	Power consumption (typical) *	25.65 W
Dynamic contrast ratio marketing name	Mega Infinity DCR	Power consumption (standby) *	0.5 W
Maximum refresh rate *	320 Hz	Power consumption (off)	0.3 W
Viewing angle, horizontal	178°	AC input voltage	100 - 240 V
Viewing angle, vertical	178°	AC input frequency	50/60 Hz
Display number of colours *	1.07 billion colours	Operational conditions	
SmartResponse	0.5 ms	Operating temperature (T-T)	0 - 40 °C
Pixel pitch	0.1554 x 0.1554 mm		
Pixel density	163 ppi		
Horizontal scan range	30 - 360 kHz		
Vertical scan range	48 - 320 Hz		

Display		Operational conditions	
Viewable size, horizontal	59.7 cm	Storage temperature (T-T)	-20 - 60 °C
Viewable size, vertical	33.6 cm	Operating relative humidity (H-H)	20 - 80%
Display diagonal (metric)	68.5 cm	Operating altitude	0 - 3658 m
High Dynamic Range (HDR) supported	✓	Non-operating altitude	3658 - 12192 m
High Dynamic Range (HDR) technology	DisplayHDR 400	Weight & dimensions	
DDC/CI	✓	Width (with stand)	614 mm
Haze rate	25%	Depth (with stand)	261 mm
Surface hardness	3H	Height (with stand)	519 mm
Colour depth	8 bit	Weight (with stand)	5.6 kg
Colour gamut standard	Adobe RGB, DCI-P3, NTSC, sRGB	Width (without stand)	614 mm
sRGB coverage (typical)	130%	Depth (without stand)	85 mm
NTSC coverage (typical)	110%	Height (without stand)	368 mm
Adobe RGB coverage	90%	Weight (without stand)	3.75 kg
DCI-P3 coverage	95%	Packaging data	
Display sRGB	✓	Package width	730 mm
Performance		Package depth	139 mm
Component video sync	Separate sync	Package height	455 mm
Flicker-free technology	✓	Package weight	8.33 kg
Low Blue Light technology	✓	Packaging content	
Multimedia		Stand included	✓
Number of speakers	2	Cables included	AC, DisplayPort, HDMI
RMS rated power	4 W	Manual	✓
Built-in speaker(s) *	✓	Other features	
Built-in camera *	✗	Brand specific technologies	Crosshair
Design		Low input lag	✓
Market positioning *	Gaming	Shadow control	✓
Product colour *	Grey	Picture-by-Picture (PbP)	✓
Colour name	Graphite	Exterior finish type	Textured
Ports & interfaces		Picture enhancement	SmartImage game
Built-in USB hub *	✗	Recyclable packaging material	100%
HDMI *	✓	MultiView	2 Devices
HDMI ports quantity	2	EasyRead mode	✓
HDMI version	2.1	LowBlue mode	✓
DisplayPorts quantity	1	(cdm) Software / function	Evnia Precision Center
DisplayPort version	1.4	Compliance certificates	RoHS
Headphone out *	✓	Regulatory Approvals	CB, CE Mark, TUV/ISO9241-307, TUV-BAUART, EAC, EAC ROHS, PSB, UKCA, EMF, FCC, ICES-003
HDCP	✓	Delta E	2
		Adaptive synchronisation	✓
		Philips SmartUniformity	93 - 105%
		Mean time between failures (MTBF)	50000 h
		Recycling data	
		Post-consumer recycled plastic	85%



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### **Catalog Object Cloud**



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