# Philips Evnia 8000 32M2N8900/00 computer monitor 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD QDOLED White

**Brand :** Philips      **Product family:** Evnia      **Product code:** 32M2N8900/00

**Product name :**
32M2N8900/00

4K UHD gaming monitor 32M2N8900 QD OLED gaming monitor

Philips Evnia 8000 32M2N8900/00 computer monitor 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD QDOLED White:

This monitor produces incredible visuals. Its QD OLED panel is matched with 4K UHD resolution and Display HDR TrueBlack 400 certification, which makes it an absolute powerhouse of visual quality, even at 240Hz.
Philips Evnia 8000 32M2N8900/00. Display diagonal: 80 cm (31.5"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QDOLED, Response time: 0.03 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: White

## Display

| | |
|---|---|
| Display diagonal * | 80 cm (31.5") |
| Display resolution * | 3840 x 2160 pixels |
| HD type * | 4K Ultra HD |
| Native aspect ratio * | 16:9 |
| Display technology * | QDOLED |
| Panel type * | OLED |
| Display brightness (peak) | 1000 cd/m² |
| Display brightness (typical) | 250 cd/m² |
| Response time * | 0.03 ms |
| Response time measurement type | GTG (Gray to Gray) |
| Anti-glare screen | ✓ |
| Screen shape * | Flat |
| Contrast ratio (typical) * | 1500000:1 |
| Dynamic contrast ratio marketing name | Mega Infinity DCR |
| Maximum refresh rate * | 240 Hz |
| Viewing angle, horizontal | 178° |
| Viewing angle, vertical | 178° |
| Display number of colours * | 1.07 billion colours |
| Pixel pitch | 0.1814 x 0.1814 mm |
| Pixel density | 139.87 ppi |
| Horizontal scan range | 30 - 510 kHz |
| Vertical scan range | 48 - 240 Hz |
| Viewable size, horizontal | 69.9 cm |
| Viewable size, vertical | 39.5 cm |
| Display diagonal (metric) | 80 cm |
| High Dynamic Range (HDR) supported | ✓ |
| High Dynamic Range (HDR) technology | DisplayHDR 400 True Black |
| DDC/CI | ✓ |
| Surface hardness | 2H |
| Colour depth | 10 bit |
| Colour gamut standard | DCI-P3 |
| Colour gamut | 99% |
| sRGB coverage (typical) | 147.5% |

## Ports & interfaces

| | |
|---|---|
| HDMI ports quantity | 2 |
| HDMI version | 2.1 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.4 |
| Audio output | ✓ |
| HDCP | ✓ |
| HDCP version | 1.4/2.2 |

## Ergonomics

| | |
|---|---|
| VESA mounting * | ✓ |
| Panel mounting interface | 100 x 100 mm |
| Cable lock slot * | ✓ |
| Cable lock slot type | Kensington |
| Height adjustment * | ✓ |
| Height adjustment | 13 cm |
| Swivelling | ✓ |
| Swivel angle range | -30 - 30° |
| Tilt adjustment | ✓ |
| Tilt angle range | -5 - 20° |
| On Screen Display (OSD) | ✓ |
| On Screen Display (OSD) languages | Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Turkish, Ukrainian |

## Power

| | |
|---|---|
| Energy efficiency class (SDR) * | G |
| Energy efficiency class (HDR) * | G |
| Energy consumption (SDR) per 1000 hours * | 55 kWh |
| Energy consumption (HDR) per 1000 hours * | 60 kWh |
| Power consumption (typical) * | 130.9 W |
| Power consumption (standby) * | 0.5 W |
| Power consumption (off) | 0.3 W |
| AC input voltage | 100 - 240 V |

## Display

| | |
|---|---|
| NTSC coverage (typical) | 120% |
| Adobe RGB coverage | 118% |

## Performance

| | |
|---|---|
| VESA Adaptive Sync support | ✔ |
| Component video sync | Separate sync |
| Flicker-free technology | ✔ |
| Low Blue Light technology | ✔ |

## Multimedia

| | |
|---|---|
| Number of speakers | 2 |
| RMS rated power | 10 W |
| Built-in speaker(s) * | ✔ |

## Design

| | |
|---|---|
| Market positioning * | Gaming |
| Product colour * | White |

## Ports & interfaces

| | |
|---|---|
| Built-in USB hub * | ✔ |
| USB hub version | 3.2 Gen 1 (3.1 Gen 1) |
| USB Type-A downstream ports quantity | 2 |
| USB Type-C downstream ports quantity | 1 |
| USB Type-C DisplayPort Alternate Mode | ✔ |
| USB Power Delivery | ✔ |
| USB Power Delivery up to | 65 W |
| HDMI * | ✔ |

## Power

| | |
|---|---|
| AC input frequency | 50/60 Hz |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 40 °C |
| 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) | 717 mm |
| Depth (with stand) | 200 mm |
| Height (with stand) | 572 mm |
| Weight (with stand) | 9.65 kg |
| Width (without stand) | 717 mm |
| Depth (without stand) | 92 mm |
| Height (without stand) | 419 mm |
| Weight (without stand) | 8.18 kg |

## Packaging data

| | |
|---|---|
| Package width | 840 mm |
| Package depth | 160 mm |
| Package height | 510 mm |
| Package weight | 13.7 kg |

## Packaging content

| | |
|---|---|
| Stand included | ✔ |
| Cables included | DisplayPort, HDMI, Power, USB Type-C |
| Manual | ✔ |

## Sustainability

| | |
|---|---|
| Doesn't contain | Mercury, PVC/BFR |

## Other features

| | |
|---|---|
| Low input lag | ✔ |

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