

DHI-LM27-E331A

Dahua 27" QHD Gaming Monitor



Technical Specification

Display

Model	DHI-LM27-E331A
LCD Technology	IPS
Backlight	ELED
Screen Size	27 inch
Aspect Ratio	16:9
Viewing Size	596.74 (H) × 335.66 (V) mm
Screen-to-Body Ratio	≥90%
Viewing Angle	178° (H) / 178° (V)
Display Mode	Horizontal
Pixel Pitch	0.2331 mm × 0.2331 mm
Pixels Per Inch	108.79
Resolution	2560 (H) × 1440 (V)
Refresh Rate	180 Hz
Display Color	8bit
Color Gamut	85% NTSC
Brightness	300 cd/m ² (max)
Contrast Ratio	1000:1
Response Time	MPRT 1 ms
Lifespan	30,000 hrs
Surface Treatment	Haze 25%, 3H
Low Blue Light	Software blue light protection

- The 2560×1440 resolution produces clearer and more vivid pictures;
- IPS panel for wide viewing angles with 3-sided frameless design;
- Wide color gamut, 85% NTSC, it meets the designer's demand of image texture;
- 178°H/178°V extra-wide viewing angle for all-round viewing performance;
- Adaptive sync can effectively solve picture lagging and tearing problems;
- 1ms fast response time with no image blurring or ghosting;
- The angle can be adjusted to meet different needs.



Function

HDR	Yes
Device Ports	
Input Port	2 × HDMI 2.1 (2560 × 1440@144 Hz), 2 × DP 1.4 (2560 × 1440@180 Hz), 1 × USB (Upgrade only)
Output Port	1 × Audio out
Speaker	2 × 2 W

Power & Environmental Conditions

Power Supply	12 VDC, 4.5 A
Power Type	power adapter
Power Consumption	25 W (basic), 54 W (typ.), 54 W (max)
Standby Power Consumption	≤0.5 W
Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Operating Humidity	10%–85% (RH)
Storage Temperature	–20 °C to +60 °C (–4 °F to +140 °F)
Storage Humidity	5%–90% (RH)

General

Inclined Angle	–5° / 20°
Left and Right Rotation Angle	–20° / +20°
Vertical Rotation Angle	–90° / +90°

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Height Adjustment	90 mm (3.54")
Product Dimensions	616 mm × 364.3 mm × 57.5 mm (24.25" × 14.34" × 2.26") (W × H × D), without wall-mount bracket
Package Size	916 mm × 466 mm × 230 mm (36.06" × 18.35" × 9.06") (W × H × D)
Unilateral Splicing	U/L/R/D: 8.9 mm/9.2 mm/9.2 mm/19.3 mm
Net Weight	5.37 kg (11.84 lb)
Gross Weight	7.66 kg (16.89 lb)
Casing Color	Black
Control Mode	Joystick
RGB Light Effect	Back Cover: Severn colors
Status Indicator Light	Yes
Wall Mount VESA	100 mm × 100 mm (3.94" × 3.94")
Accessory	Power cord, Power adapter, base, stand, DP cable, user's manual (QR code), QSG, legal and regulatory information, etc.
Optional Accessory	Wall mount

Certification

Certifications	CE EMC, CE LVD, CE ERP
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Ordering Information

Type	Model	Description
Gaming Monitor	DHI-LM27-E331A	Dahua 27" QHD Gaming Monitor

Dimensions (mm[inch])

