

DHI-LM27-E231BN

Dahua 27" FHD Gaming Monitor



- 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;
- 0.5 ms fast response time with no image blurring or ghosting (with OD).



Technical Specification

Display

Model	DHI-LM27-E231BN
LCD Technology	IPS
Backlight	ELED
Screen Size	27 inch
Aspect Ratio	16:9
Viewing Size	597.888 (H) × 336.312 (V) mm
Screen-to-Body Ratio	≥85%
Viewing Angle	178° (H) / 178° (V)
Display Mode	Horizontal
Pixel Pitch	0.3114 mm × 0.3114 mm
Pixels Per Inch	81.59
Resolution	1920 (H) × 1080 (V)
Refresh Rate	200 Hz
Display Color	8 bit, 16.7M colors
Color Gamut	85% NTSC
Brightness	350 cd/m ² (typ.)
Contrast Ratio	1000: 1
Response Time	MPRT 1 ms, OD 0.5 ms
Lifespan	30,000 hrs
Surface Treatment	Haze 25%, 3 H
Low Blue Light	Software blue light protection

Function

HDR	HDR 10
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Device Ports

Input Port	1 × DP 1.4 (1920 × 1080@200 Hz), 1 × HDMI 2.0 (1920 × 1080@200 Hz)
Output Port	1 × Audio out

Power & Environmental Conditions

Power Supply	12 VDC, 4 A
Power Type	power adapter
Power Consumption	21 W (basic), 24.6 W (typ.), 32 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° ± 2° / 20° ± 2°
Product Dimensions	614.3 mm × 366.8 mm × 57.2 mm (24.19" × 14.44" × 2.25") (W × H × D), without wall-mount bracket
Package Size	695 mm × 460 mm × 150 mm (27.36" × 18.11" × 5.91") (W × H × D)
Unilateral Splicing	U/L/R/D: 8.21 mm/ 8.21 mm/ 8.21 mm/ 22.30 mm (0.32" / 0.32" / 0.32" / 0.88")
Net Weight	3.55 kg (7.83 lb)

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Gross Weight	4.85 kg (10.69 lb)
Casing Color	Black
Control Mode	Five-button
Status Indicator Light	Yes
Wall Mount VESA	100 mm × 100 mm (3.94"×3.94")
Accessory	Power adapter, DP cable, user's manual, legal and regulatory information etc.

Certification

Certifications	CE EMC, CE LVD, CE ERP, CB
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Ordering Information

Type	Model	Description
Gaming Monitor	DHI-LM27-E231BN	Dahua 27" FHD Gaming Monitor

Dimensions (mm[inch])

