

DHI-LM27-U200PM

27" FHD Smart Monitor



Technical Specification

Display

Model	DHI-LM27-U200PM
LCD Technology	IPS
Backlight	ELED
Screen Size	27 inch
Aspect Ratio	16:9
Viewing Size	597.888 (H) × 336.312 (V)
Screen-to-Body Ratio	≥85%
Viewing Angle	178° (H) / 178° (V)
Display Mode	Horizontal, vertical
Pixel Pitch	0.1038 mm × 0.3114 mm (0.0041" × 0.0123")
Pixels Per Inch	81.59
Resolution	1920 (H) × 1080 (V)
Refresh Rate	60 Hz
Display Color	16.7M (6 bits + FRC)
Color Gamut	99% SRGB
Brightness	350 cd/m ² (typ.)
Contrast Ratio	1300:1
Response Time	14 ms
Lifespan	30,000 hrs

Features:

- Outstanding home audio & visual performance (27" FHD screen).
- Wireless mobility, infinite possibilities. Silent universal wheel, easy and free movement.
- High definition ten points touch screen display, supporting wired and wireless screen mirroring.
- Built in 7300mAh battery. At 40% brightness, it can stand by for 6 hours.
- Powerful performance, WIFI5+BT5.0, Android 14.
- Google Market, With Google EDLA License.
- Built-in 8MP camera.

Device Ports

Input Port	1 × HDMI 1.4
Output Port	1 × TYPE C (10W(5V2A)、OTG、Digital audio out)
Speaker	2 × (10W+ 5W)
Wi-Fi	Yes
Wi-Fi Standard	802.11 a/b/g/n/ac
Wi-Fi Frequency Range	2412-2484MHZ, 4900-5950MHZ
MAX Power Transmission (Wi-Fi)	19dbm
Bluetooth	Yes
Bluetooth Standard	BT5.0
Bluetooth Frequency Range	2402-2480MHZ
MAX Power Transmission (Bluetooth)	5.5dbm

Power & Environmental Conditions

Power Supply	19V 3.42A
Power Type	Power adapter
Power Consumption	56 W (typ.), 70 W (max)
Standby Power Consumption	<3 W
Operating Temperature	0 °C to +40 °C

DHI-LM27-U200PM

Operating Humidity	20%–90% (RH)
Storage Temperature	-20 °C to +60 °C
Storage Humidity	5%–95% (RH)

General

Inclined Angle	-20°±2° / 25°±2°
Vertical Rotation Angle	-90° / +90°
Height Adjustment	200 (±10)mm (7.87")
Product Dimensions	628.6 mm × 376.7 mm × 40 mm (W × H × D), without base 628.6 mm × 1388.5 mm × 406 mm (W × H × D), with base
Package Size	870 mm × 637 mm × 220 mm (W × H × D)
Frame Width	U/L/R/D: 1.5 mm/1.5 mm/1.5 mm/1.5 mm (0.06"/0.06"/0.06"/0.06")
Net Weight	17.2 kg (37.92 lb)
Gross Weight	22.6 kg (49.83 lb)
Casing Color	White
Control Mode	Touch control
Accessory	Power adapter, base, Connecting rod, Manual QR code, QSG, legal and regulatory information etc.

Touchscreen

Touch Technology	Capacitive
Attachment Method	Optical bonding
Response Time	10ms
Touch Points	10
Touch Accuracy	Center : 1.5 mm/ Edge : 2.0mm
Valid Touch	9 mm
Touch Height	0 mm

Built-in System

Operating System	Android 14.0
Memory	6 GB
Storage	128 GB
Image	JPEG, PNG, BMP, GIF, Webp
Video	MPEG1/2, MPEG4, H.264, HEVC/H.265, VC1, VP8, VP9, AV1
Audio	MPEG1/2 Layer1, MPEG1/2 Layer2, MPEG1/2 Layer3, AC3, EAC3 (DDP), AAC

Certification

Certifications	TBD
----------------	-----