

LM32-U400PN

31.5" 4K smart monitor



- Outstanding home audio & visual performance (32" UHD screen).
- Rich interaction methods, Full lamination touch screen, 8MP camera, microphones + speakers.
- Flexible wireless mobility. Built in 144WH battery, 4-hour battery life.
- Wide color gamut, 99% sRGB, 85% NTSC.
- Google Market, With Google EDLA License.

Series Overview

LM-Smart Series is engineered with a fully laminated capacitive touch screen that offers seamless multi-touch. It is also powered by a high-performance chip that ensures the smooth operation of applications. Its integrated large capacity battery ensures the monitor has an extended battery life, and allows for hassle-free portability without the need for tangled cables. Highly flexible, the monitor can be effortlessly rotated to multiple angles, making it convenient for a wide range of uses such as for home entertainment, exhibition halls, large malls, and supermarkets.

Technical Specification

Display

Model	LM32-U400PN
LCD Technology	VA
Backlight	ELED
Screen Size	31.5 inch
Aspect Ratio	16:9
Resolution	3840 (H) × 2160 (V)
Refresh Rate	60 Hz
Display Color	8 bit
Color Gamut	99% sRGB (typ.); 85% NTSC (typ.)
Brightness	320 cd/m ² (typ.)
Contrast Ratio	3,000:1
Viewing Angle	178° (H) / 178° (V)
Display Mode	Horizontal, vertical
Response Time	20 ms

Lifespan	30,000 hrs
Surface Treatment	Haze 8%, 7H

Device Ports

Input Port	1 × TYPE C (3840 × 2160@60 Hz), 1 × Mini HDMI (3840 × 2160@60 Hz)
Wi-Fi	Yes
Wi-Fi Standard	802.11b/g/n/a/ac/ax
Wi-Fi Frequency Range	2,412–2,484 MHz, 5,180–5,825 MHz
MAX Power Transmission (Wi-Fi)	CE EIRP: ≤23 dBm@2,412–2,484 MHz; ≤22 dBm@5,180–5,825 MHz;
Bluetooth	Yes
Bluetooth Standard	BR/EDR/BLE, BT5.4
Bluetooth Frequency Range	2,402–2,480 MHz
MAX Power Transmission (Bluetooth)	CE EIRP: ≤15 dBm@2402–2480 MHz
Speaker	2 × 10 W

Power & Environmental Conditions

Power Supply	19 VDC, 6.32 A
Power Type	Power adapter
Power Consumption	56 W (basic), 72 W (typ.), 116 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%–95% (RH)

General

Product Dimensions	731.5 mm × 428.9 mm × 28.3 mm (28.80" × 16.89" × 1.11") (W × H × D), without bracket
Package Size	837 mm × 632 mm × 235 mm (32.95" × 24.88" × 9.25") (W × H × D)
Frame Width	U/L/R/D: 16.1 mm/17.1 mm/17.1 mm/18.1 mm (0.63"/0.67"/0.67"/0.71)
Net Weight	17 kg (37.48 lb)
Gross Weight	22.8 kg (50.27 lb)
Accessory	Bracket, Power adapter and power cord, Mini HDMI cable, Type C cable, user's manual, legal and regulatory information etc.

Built-in System

Operating System	Android 13.0
Memory	8 GB
Storage	128 GB

Certification

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

Type	Model	Description
Smart Monitor	LM32-U400PN	31.5" 4K smart monitor

Dimensions (mm[inch])

