



Fusion Max

The new generation of Primeview's FusionMax bezel-free panel display, available in Full HD (1920x1080) & 4K (3840x2160), eliminating concerns found in other custom video wall solutions. Available in striking sizes of 110", 138", 165", or 220" and up to 1,200 NITS of brightness.

They excel as a solution for digital signage, up-close immersive use, and everything in between. The scalable 16x9 building block LED means it can be installed in a wider variety of spaces for maximum impact in Executive Boardrooms, Classrooms, Simulation, Retail, Customer Experience Centers, and Private Theaters.

The FusionMax Series comprises the Fusion Line of new LED, a turn-key LED solution with front-serviceable fanless cabinets from 0.9mm, 1.2mm, 1.5mm, 1.9mm, and 2.5mm LEDs. All Fusion LED features the 3-in-1 Integrated Board Design (Power, Receiving Card & Bridge-board) as standard. The new generation is thinner, lighter, and more energy-efficient, with a rating of 100k hours, 170/170 wide viewing angles, pedestal or wall-mountable framing accessories, and a hassle-free 5-year onsite parts and labor warranty."

PRVLEDFSNM165

165" FHD Fusion Max 16:9 Indoor LED Display

Features

- 16:9 Aspect Ratio Cabinets
- Fanless Super-Silent Design
- 24/7 Industrial Rated
- NEW Magnalium light-weight design
- 800-1,200 NITS adjustable Brightness
- State-of-the-art Front Serviceability
- Broadcast-Quality Viewing Angles- 170° + degrees
- Only 1" inch thick Profile

PRVLEDFSNM165 | Technical Specification

| Display | |
|---|---|
| Size | 165" |
| Pixel Pitch | 1.8 mm |
| Display Ratio | 16:9 |
| Resolution (dots) | 1920×1080 |
| LED Type | SMD |
| Module Size (WxH) | 152.5 × 343 mm 6.0" x 12.29" |
| Cabinet Size (WxHxD) | 610 × 343 × 31 mm 24.01" x 13.50" x 1.22" |
| Cabinet Qty | 6×6 |
| Overall Dimension (WxHxD) | 3674 x 2175 x 31 mm 144.64" x 85.63" x 1.22" |
| Display Dimension (WxH) | 3674 x 2058 mm 144.64" x 81.02" |
| Weight (Not including wall hanging bar) | 190 kg 418.88 lb |
| Optimum Viewing Distance | ≥3.8 m ≥149.6" |
| Maintenance | Front Access |
| Installation Mode | Foot mounting / Wall mounting |

| System Parameter | |
|-----------------------|---|
| Operating System | Android 9.0 |
| CPU | Cortex-A72*2+ Cortex-A53*4 Frequency: 2.0GHz |
| RAM | 4GB |
| Storage | 32GB |
| Media Format Supports | Video - MPEG1, MPEG2, MPEG4, WMV, MKV, TS, flv and other mainstream video formats |
| | Audio - MP3 and other audio formats |
| | Picture - JPG, JPEG, BMP, PNG, GIF and other image format |

| Environmental Parameter | |
|-------------------------------|------------------------------|
| Working Temperature | -10°C - 40°C 14°F - 104°F |
| 10%-80%-Working Humidity (RH) | 10%-80% No Condensation |

| Optical Parameter | |
|---------------------|------------|
| Brightness (nit) | 100~1000 |
| Refresh Rate (Hz) | 3840 |
| Gray Scale (bit) | 13-16 |
| Contrast Ratio | 1:3000 |
| Color Temperature | 6500-9300K |
| Viewing Angle (H/V) | 170°/170° |
| LED Life Time (hrs) | ≥100,000 |

| Electrical Parameter | |
|---------------------------|---------------------|
| Input Voltage (V) | 100-240v AC 50/60Hz |
| Standby Power Consumption | (W) ≤0.5 |
| Average Power Consumption | (KW) 1.08 |
| Maximum Power Consumption | (KW) 3.13 |

| Type | Quantity |
|--------------------|-----------------------------|
| HDMI IN 2.0 | 3 (2 Internal & 1 External) |
| HDMI OUT 2.0 | 1 (Internal) |
| USB2.0 | 1 (External) |
| USB3.0 | 1 (External) |
| Type C | 1 (External) |
| 3.5mm Audio OUT | 2 (1 Internal & 1 External) |
| Audio OUT(OPTICAL) | 1 (Internal) |
| RS232 Port | 1 (Internal) |
| RS485 Port | 1 (Internal) |
| LAN Port | 1 (Internal) |

| Accessories | Quantity |
|-------------------|----------|
| Remote Control | 1 |
| Front Access Tool | 1 |
| Installation kit | 1 |
| Hanging Bar | 1 |
| Foot Stand | Optional |
| Wireless Dongle | Optional |

PRVLEDFSNM165 | Technical Specification



- | | |
|---|---|
| ① Light Sensor | ⑧ In brightness adjustment mode, press to reduce the brightness |
| ② IR | ⑨ In brightness adjustment mode, press to increase the brightness |
| ③ Type C | ⑩ Standby / boot up |
| ④ USB 3.0 | ⑪ Dual-color indicator light (blue and red) |
| ⑤ USB 2.0 | ⑫ HDMI IN (bottom side) |
| ⑥ Menu (including brightness, color temperature, contrast, sound, signal source, test mode, etc.) | ⑬ 3.5mm Audio OUT |
| ⑦ Bright / ok | |
| 1. When the menu is not called out, the brightness adjustment button is used to adjust the brightness with (+) and (-) keys | |
| 2. It is the confirm key when calling out | |

PRVLEDFSNM165 | Mechanical Drawing

