

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."

PRVLEDFSNM220

220" 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

PRVLEDFSNM220 | Technical Specification

Display	
Size	220"
Pixel Pitch	2.5 mm
Display Ratio	16:9
Resolution (dots)	1920x1080
LED Type	SMD
Module Size (WxH)	152.5 x 343 mm 6.0" x 12.29"
Cabinet Size (WxHxD)	610 x 343 x 31 mm 24.01" x 13.50" x 1.22"
Cabinet Qty	8x8
Overall Dimension (WxHxD)	4894 x 2861 x 31 mm 192.67" x 112.63" x 1.22"
Display Dimension (WxH)	4880 x 2745 mm 192.13" x 108.07"
Weight (Not including wall hanging bar)	330 kg 727.52 lb
Optimum Viewing Distance	≥4 m ≥157.48"
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~
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)
Maximum Power Consumption	(KW)

I/O Port	Quantity
HDMI IN 2.0	3 (2 Internal & 1 External)
HDMI OUT 2.0	1 (Internal)
USB2.0	I/O Port
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)

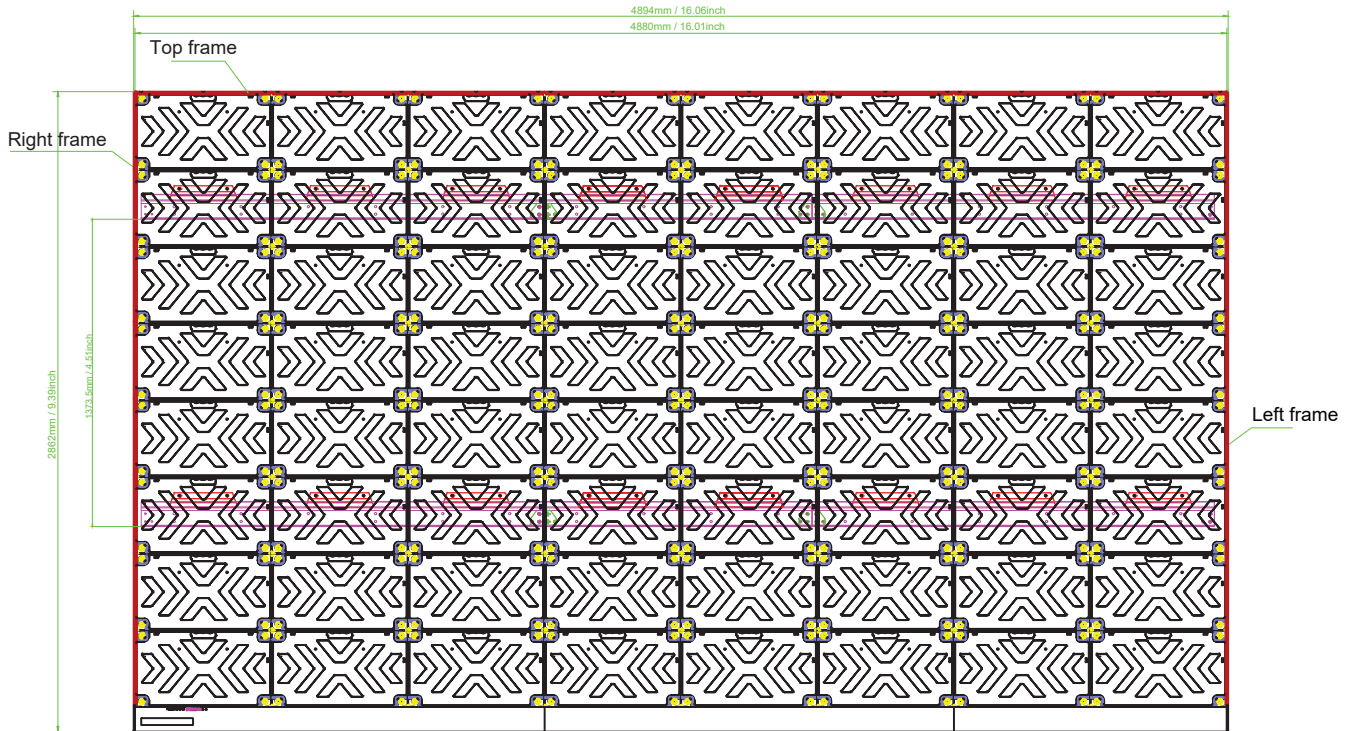
Accessories	Quantity
Remote Control	1
Front Access Tool	1
Installation kit	1
Hanging Bar	1
Foot Stand	Optional
Wireless Dongle	Optional

PRVLEDFSNM220 | Technical Specification



- ① Light Sensor
- ② IR
- ③ Type C
- ④ USB 3.0
- ⑤ USB 2.0
- ⑥ Menu (including brightness, color temperature, contrast, sound, signal source, test mode, etc.)
- 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
- ⑧ In brightness adjustment mode, press to reduce the brightness
- ⑨ In brightness adjustment mode, press to increase the brightness
- ⑩ Standby / boot up
- ⑪ Dual-color indicator light (blue and red)
- ⑫ HDMI IN (bottom side)
- ⑬ 3.5mm Audio OUT

PRVLEDFSNM220 | Mechanical Drawing



Bottom bar control box

Top View

