

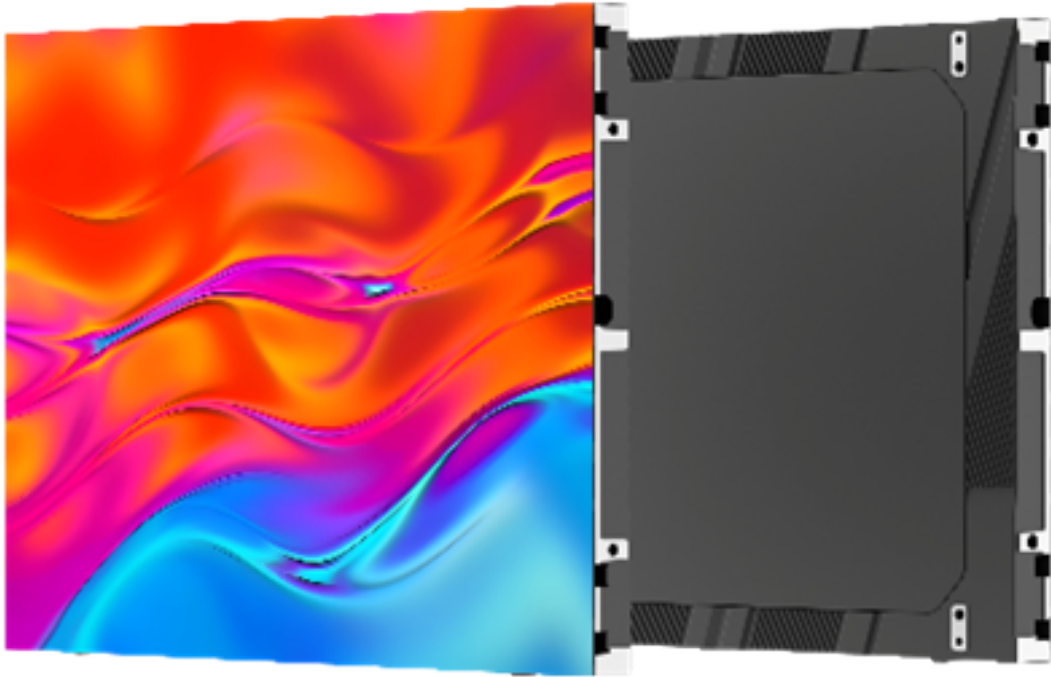


**VISUAL  
MAGIC  
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维曼

## **P1.86-F1 Max Indoor Fixed LED Display**

**Specification**



**Full Series Certification**



**Thin and Light Design**



**Wide Voltage Design**



**Battery N+1 Backup**



**2-in-1 HUB**



**Modular Bottomless  
Hard linked**

# Technical Parameters

## Basic Parameters

Parameter	Value
Pixel Pitch (mm)	1.86
Pixel Configuration	SMD 1515
Brightness (nits)	≥500
Grey Scale (bit)	14
Refresh Rate (Hz)	3840
Frame Rate (Hz)	50 / 60
Driving Method	Constant Current Drive (1/86)
Viewing Angle (V/H°)	160/160
Color Temperature (K)	2000-9500
Brightness/Chromaticity Uniformity	0.98
Contrast Ratio	5000:1
Module Weight (kg)	0.3±0.05
Module Size (mm)	320×160
Module Resolution (W×H)	172×86
Pixel Density (dot/m <sup>2</sup> )	288906

# Cabinet Parameters

Parameter	Value
Cabinet Assembly (W×H)	2×3
Cabinet Resolution (W×H)	344×258
Cabinet Size (mm)	640×480×(42±0.6)
Cabinet Weight (kg)	5.6 ±0.5
Cabinet Flatness (mm)	≤0.2
Maintenance Method	Front Maintenance
Cabinet Material	Die-cast Aluminum
Protection Level	IP30
Maximum Power Consumption (W/m <sup>2</sup> )	≤420
Average Power Consumption (W/m <sup>2</sup> )	≤140
Power Supply Requirement	AC100—240V,50-60Hz
Life Time (hrs)	≥100000
Operating Temperature (°C)	-10°C~+45°C
Storage Temperature (°C)	-20°C~+55°C
Operating /Humidity (RH)	10%RH~80%RH
Storage Humidity (RH)	10%RH~85%RH

**Note:** The above specification parameters are reference values. The actual use may be slightly different due to product batch differences, configuration differences and operating environment. The actual use shall prevail.