

MAXHUB

MAXHUB INDOOR LED FA27 SERIES

One Display Platform. Tailored for Every Space.



One Cabinet. Three LED Technologies. Built for Every Scenario.

The FA27 Series features a unified cabinet platform compatible with multiple LED technologies, giving you the flexibility to choose the right display performance without redesigning your structure. Whether it's a close-viewing showroom, a high-traffic retail environment, or a future-ready corporate lobby, the FA27 Series helps you find the right solution on one platform – simplifying deployment while optimizing visual impact for every space.

SMD



Easy to maintain, with optional GOB/HOB* coating for enhanced durability in high-traffic environments.

COB



Delivers an ultra-high 15,000:1 contrast ratio, with chip-level packaging for deeper blacks and greater image uniformity.

MIP



7,680Hz refresh rate and high contrast ratio deliver fine image quality; the screen stays cool and energy-efficient.

*Available only for the SMD 2.5 mm pixel pitch model.

Connect Faster. Collaborate Smarter.

Powered by 7,680Hz high-frequency PWM, the FA27 Series delivers smooth grayscale, stable low-brightness, and comfortable viewing. It minimizes flicker and camera scan lines for clean visuals in person or on camera. Combined with a 15,000:1* contrast ratio, it produces deeper blacks and crisp motion.



7,680 Hz*
Refresh Rate

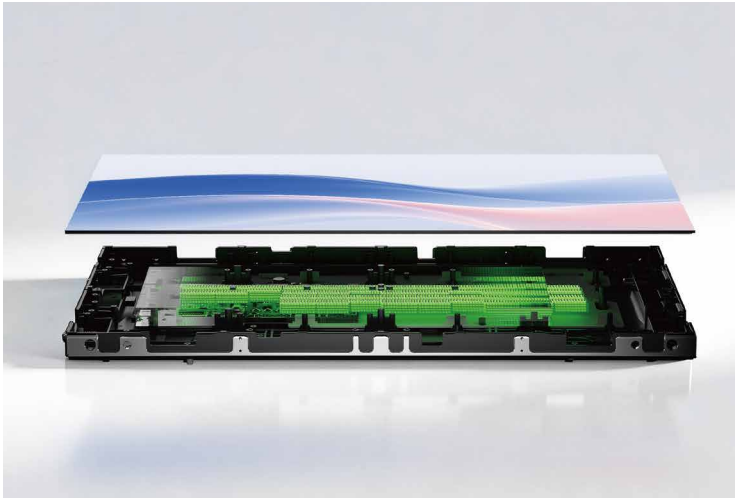


15,000:1*
Contrast Ratio



*7,680 Hz: Available only on MIP models.

*15,000:1: Available only on COB and MIP models.

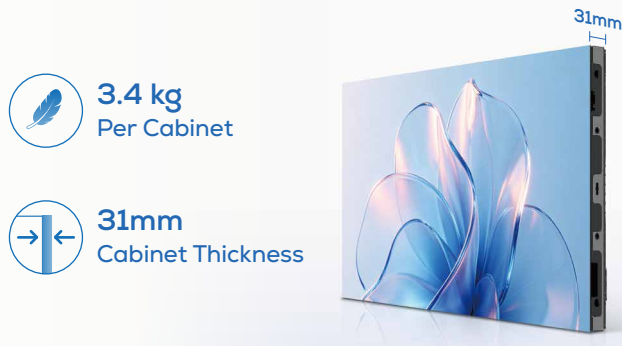


Higher Efficiency. Lower Power Consumption.

An optimized circuit layout minimizes unnecessary power loss, improves overall energy efficiency, and helps keep the display exceptionally cool for long-term reliability. With a fanless design, the FA27 Series operates quietly. Certified to CE, CB, ETL, and FCC standards and engineered for 100,000 hours of operation, it delivers dependable performance every day.

Simpler Structure. Faster Deployment.

From cabinet to module to system, the FA27 Series is designed with a highly integrated architecture that streamlines installation, shortens deployment time and reduces on-site complexity.



3.4 kg
Per Cabinet



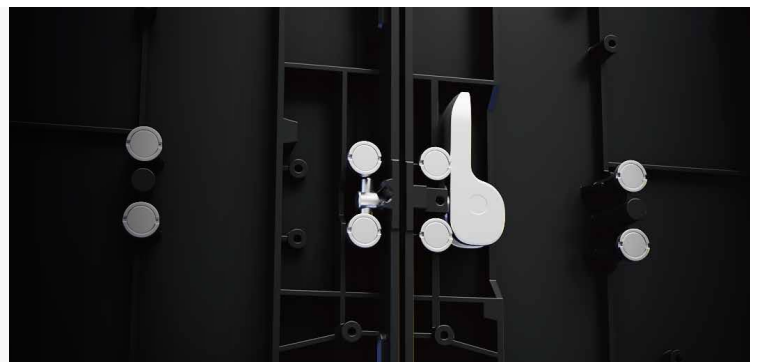
31mm
Cabinet Thickness

Lightweight Design for Easier Installation

Weighing just 3.4 kg per cabinet and measuring only 31 mm thick, the FA27 Series is easy to transport and install – often manageable by a single technician.

Quick Lock

New quick lock mechanism, push to engage and lock instantly, no screws required. Aligns in one go without shifting, reduces adjustment, and speeds up installation.



Highly Integrated Design for Seamless Visuals

An all-in-one control board with rigid connectors replaces traditional ribbon cables for a cleaner internal structure. Large 300 × 168.75 mm modules, paired with quick locks, help reduce visible seams and accelerate installation for a cleaner finish.



Full Front Service for Easier Maintenance

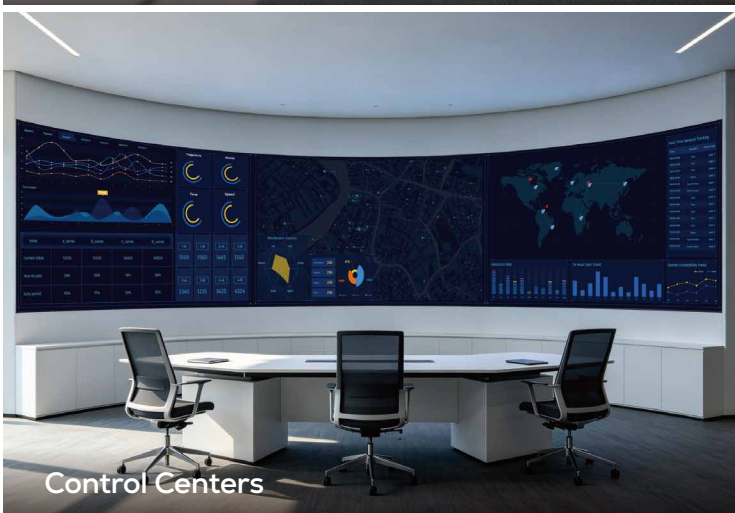
The FA27 Series supports hot swapping with no rear access required for maintenance. Daily servicing can be completed entirely from the front, making wall-mounted installations easier to maintain while saving valuable space over time.

Flexible Mounting for Greater Design Freedom

Supports wall-mounted, hanging, curved and 90° corner installations, with flexible configuration for virtually any resolution that is a multiple of 4K. Its 16:9 native aspect ratio adapts naturally to standard content formats, making it ideal for everything from corporate lobbies and retail displays to curved control room environments.



Application Scenarios



Model	FS2725	FS2718	FC2715	FC2712	FM2709	FM2712
Physical Parameter						
Packaging Methods	SMD	SMD	COB	COB	MIP	MIP
Pixel Composition	TOP2121	TOP1515	1R1G1B	1R1G1B	MIP0606	MIP0606
Pixel Pitch (mm)	2.5	1.875	1.5,625	1.25	0.9375	1.25
Module Resolution (dots)	120×135	160×90	192×108	240×135	320×180	240×135
Cabinet Resolution (dots)	240×135	320×180	384×216	480×270	640×360	480×270
Pixel Density (dots / m²)	160,000	284,444	409,600	640,000	1137,778	640,000
Module Size (L*W) / (mm)	300×337.5	300×168.75				
Cabinet Size (L*W*H) / (mm)	600×337×5×31					
Cabinet Material	Aluminum		Die-cast magnesium-aluminum			
Cabinet Module Arrangement (W*H)	2×1	2×2				
Cabinet Weight (Single Cabinet/ kg)	3.4±0.1	3.4±0.1	3.4±0.1	3.4±0.1	3.4±0.1	3.4±0.1
Optical Parameter						
Color Processing Depth (Bit)	14	14	14	13	16+6	16+6
Contrast	6,500:1	6,500:1	15,000:1	15,000:1	15,000:1	15,000:1
Refresh Rate Frequency (Hz)	3,840	3,840	3,840	3,840	7,680	7,680
Drive Mode	1/45	1/54	1/54	1/60	1/45	1/30
White Balance Brightness (nit)	600	550	600	800	1,000	1,000
Color Temperature (K)	9,300	9,300	9,300	9,300	9,300	9,300
Viewing Angle (H/V °)	160/160	160/160	170/170	170/170	170/170	170/170
Electrical Parameter						
AC Input Voltage (V)	AC100~240					
AC Input Frequency (Hz)	60	60	60	60	60	60
Cabinet Maximum Power Consumption (W/Unit)	69	60	58	61	47	43
Cabinet Average Power Consumption (W/Unit)	23	20	19	20	16	14
Maximum Power Consumption (W/㎡)	341	296	285	301	232	212
Average Power Consumption (W/㎡)	114	99	95	100	77	71
Operation Environment Parameter						
Storage Temperature (°C)	-20 - 60(Does not include GOB/HOB)					
Working Temperature (°C)	-10 - 40(Does not include GOB/HOB)					
Storage Humidity (RH)	10%~85% No Condensation					
Working Humidity (RH)	10%~80% No Condensation					
LED Lifetime (hrs.)	100,000					
Maintenance Mode	Full Front Access					