



**AUO**

AUO Display+

## Versatile, Flexible, Scalable 27" LED Cabinet – LB Series



16:9 Aspect Ratio



Superior Picture Quality



High Uniformity



Optimized Flatness



Easy Maintenance

The AUO Display Plus 27" LED Cabinet series comes in a variety of pixel pitches and offers superior picture quality, excellent uniformity with optimized flatness, and simple front and rear maintenance. This series adopts 16:9 aspect ratio cabinets, making it simple to configure into large, seamless displays suitable for corporate lobby, conference hall, lecture hall, and demo room applications.

# Superior Picture Quality

## Vivid, Vibrant Colors

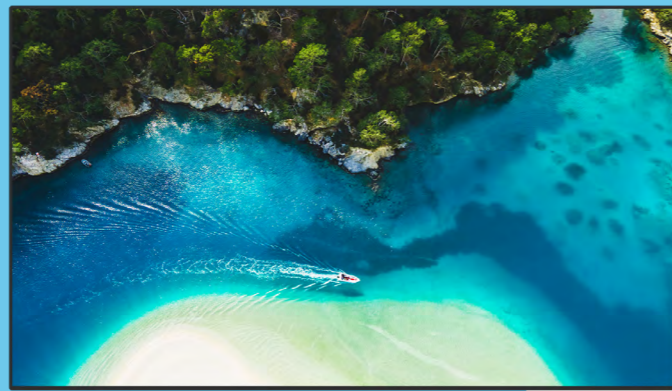
Support for wide color gamut and HDR enables stunningly vivid and high-fidelity content to be displayed. The wider color spectrum and greater contrast ratio allow displayed contents to create an impressive visual impact.

## Uniformity Fine-Tuned

The LED modules undergo brightness, color, and grey scale factory calibrations, which guarantees very accurate color and brightness uniformity and enables flawless content display.



Conventional

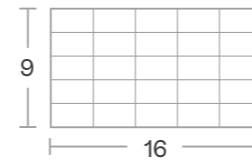


AUO Display Plus

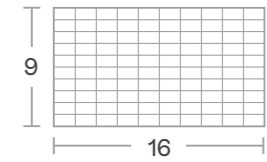
# Flexible for Any Application

## Perfect 16:9 Configurations

The AUO Display Plus 27" LED Cabinet series has a 16:9 aspect ratio that effortlessly supports popular FHD or UHD content. Existing content can be reused, saving you from the hassle and costs associated with additional content editing.



FHD: 5 x 5 27" LED Cabinets



UHD: 10 x 10 27" LED Cabinets

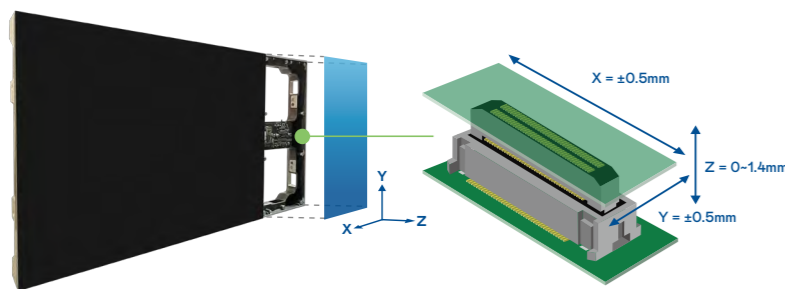
# Easy, Seamless Setup

## Smooth, Optimized Flatness

Designed with strong aluminum alloy cabinet structures and LED modules that can adjust precisely in X, Y, Z directions, this series provides optimal display flatness, ensuring an outstanding viewing experience and display perfection.

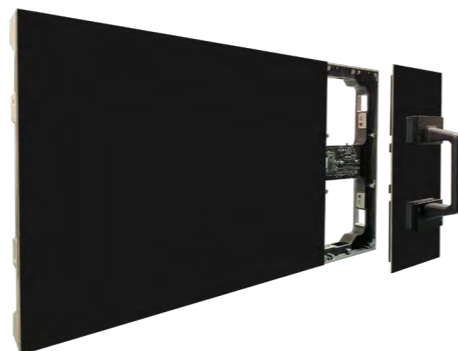
## Flexible Front Access

LED modules can be removed using magnetic and vacuum tools for efficient front access during installation and maintenance, which is especially useful in space-constrained setups with limited rear access space.



LED modules adjustable in X, Y, Z directions

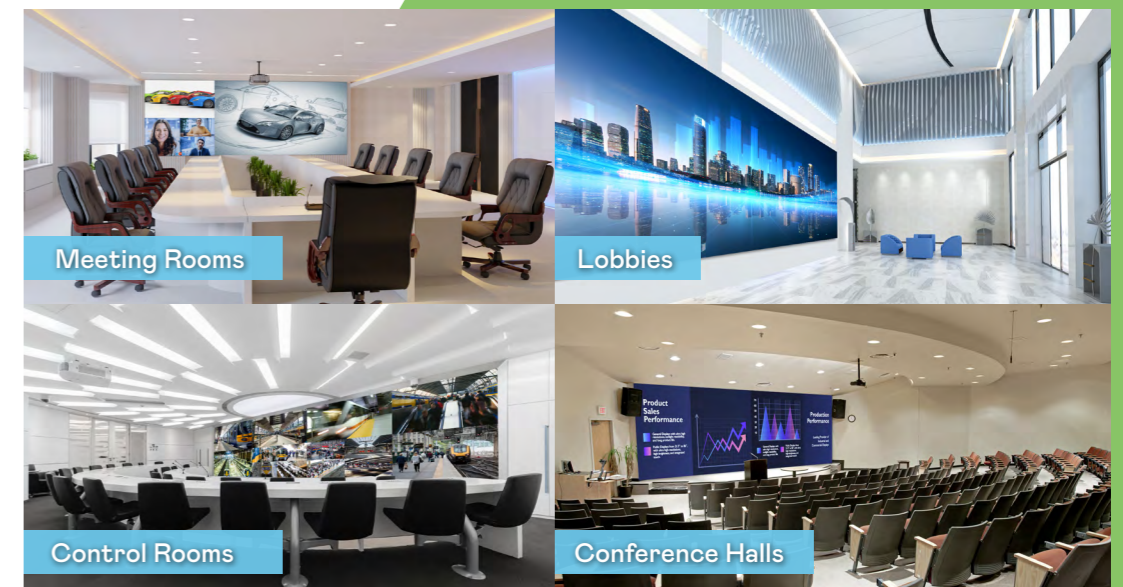
Floating connector for X, Y, Z alignment correction



Removable LED modules for front access

# Shape and Size for Any Space

Create seamless video walls in any shape or size. The modular design of the 27" Cabinet series enables installations to adapt to any space, allowing you to build large, immersive video walls and unique, captivating displays.



Meeting Rooms

Lobbies

Control Rooms

Conference Halls

# 27" LED Cabinet – LB Series



## Specifications

Product	LB-TI25WT	LB-TI56WT	LB-TI87WT	LB-T250WT
Pitch (mm)	1.25	1.5625	1.875	2.5
LED Type	SMD 1010 Cu wire	SMD 1212 Cu wire	SMD 1515 Cu wire	SMD 2121 Cu wire
Cabinet Size X*Y*D (mm)	600 x 337.5 x 31	600 x 337.5 x 31	600 x 337.5 x 31	600 x 337.5 x 31
Cabinet Resolution X*Y (Pixel)	480 x 270	384 x 216	320 x 180	240 x 135
LED Module Size X*Y (mm)	300 x 168.75	300 x 168.75	300 x 168.75	300 x 337.5
LED Module Resolution X*Y (Pixel)	240 x 135	192 x 108	160 x 90	120 x 135
Weight (kg/cabinet; kg/m <sup>2</sup> )	4.5; 22.2	4.5; 22.2	4.5; 22.2	4.5; 22.2
Brightness (nits)	600	600	800	800
Contrast Ratio	6500 : 1	6500 : 1	6500 : 1	6500 : 1
Viewing Angle (H/V)°	160/140	160/140	160/140	160/140
Input Voltage (V)	AC100~240V (50-60Hz)	AC100~240V (50-60Hz)	AC100~240V (50-60Hz)	AC100~240V (50-60Hz)
Refresh Rate @ 60Hz	3840	3840	3840	3840
Frame rate Processing (Hz)	50 & 60	50 & 60	50 & 60	50 & 60
Gray Scale Max	13~16	13~16	13~16	14
Power Consumption (Avg ; Max)	110w/m <sup>2</sup> ; 368w/m <sup>2</sup>	93w/m <sup>2</sup> ; 310w/m <sup>2</sup>	116w/m <sup>2</sup> ; 385w/m <sup>2</sup>	115w/m <sup>2</sup> ; 380w/m <sup>2</sup>
Color Temperature (K)	3000 ~ 10000	3000 ~ 10000	3000 ~ 10000	3000 ~ 10000
Chromaticity Uniformity	±0.003Cx, Cy within	±0.003Cx, Cy within	±0.003Cx, Cy within	±0.003Cx, Cy within
Serviceability	Front Service	Front Service	Front Service	Front Service
Lifetime (hrs)	100000	100000	100000	100000
Operating Temperature (°C)	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40
Storage Temperature (°C)	-10 ~ 60	-10 ~ 60	-10 ~ 60	-10 ~ 60
Operating Humidity (RH)	10% ~ 90% no condensation	10% ~ 90% no condensation	10% ~ 90% no condensation	10 ~ 85% no condensation
Storage Humidity (RH)	10% ~ 80% no condensation	10% ~ 80% no condensation	10% ~ 80% no condensation	10% ~ 85% no condensation
Certificate	BSMI	BSMI	BSMI	BSMI
EMC Class	Class A	Class A	Class A	Class A

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