

COB-7836 COB-9336 COB-2536 COB-5636 COB-8736**136-Inch COB All-in-One Conference Display****Description**

This product features an ultra-clear and ultra-slim design, energy-efficient performance, wireless screen sharing, and video conferencing capabilities. It is designed to meet diverse meeting room application needs and is widely used in government, enterprise, finance, and other industries.

Features

- Customized UI system based on Android 13, supporting third-party APP installation.
- Supports wireless screen sharing across multiple operating systems, including Windows, macOS, iOS, and Android.
- Supports up to 9 split-screen displays simultaneously for enhanced multi-content collaboration and presentation.
- Supports wireless screen sharing dongles, compatible with Windows, macOS, Linux, and other terminal systems.
- Supports infrared multi-touch interaction (optional), enabling simultaneous writing and interactive operation by multiple users.
- Supports an infrared voice remote control, enabling voice-based control of the conference system.
- Supports H.264 and H.265 4K@60Hz ultra-HD video decoding for smooth playback of 4K UHD content.
- Supports ultra-wide viewing angles of 175 ° horizontally and 175 ° vertically, ensuring clear visuals from different viewing positions.
- Supports customizable display settings such as color temperature, hue, and saturation to meet various application requirements.

- Built-in multiple display modes including Standard, Conference, Vivid, and Portrait, allowing one-touch switching between different visual styles.
- Supports one-touch eye protection mode, effectively filtering harmful blue light and reducing visual fatigue during prolonged viewing.
- Supports categorized management and storage of photos, videos, documents, and other files.
- Supports customized boot logo and startup animation settings.
- Built-in multiple wallpaper templates with support for custom wallpaper uploads.
- Features an ultra-lightweight and ultra-slim structure with a die-cast aluminum cabinet, approximately 35.5 mm thick and weighing around 4 kg per cabinet.
- Front maintenance design with hot-swappable modules for more efficient and convenient servicing.
- Features front and rear installation with foolproof interface design, supporting fast full-screen assembly, wall mounting, or mobile stand installation.

Specifications

Model		COB-7836	COB-9336	COB-2536	COB-5636	COB-8736
System Parameters	Pixel Pitch (mm)	0.78	0.93	1.25	1.56	1.87
	Pixel Configuration	True Pixel				
	Package Type	Flip-chip COB				
	Module Size (mm)	300 × 168.75				
	Driver IC	FM6569Q				
	Scan Mode	1/ 54	1/ 54	1/ 120	1/ 108	1/ 90
	Cabinet Size (mm)	600 × 337.5 × 35.5				
	Display Size (mm)	3000 × 1687.5				
	Overall Size with Stand (mm)	3010 × 2408				
	Native Resolution	3840 × 2160	3200 × 1800	2400 × 1350	1920 × 1080	1600 × 900
	Audio	2 × 15W speakers				
	Installation Method	Mobile stand / Wall-mounted				
	Maintenance Method	Front maintenance				
System Configuration	Control System	H2	MEE410 + KT16E		MEE210	
	Operating System	Windows	Android 13		Android 11	
	CPU Frequency	Subject to project requirements	2.2GHz		1.8GHz	
	CPU Cores		8		4	
	GPU		Mail-G52		Mail-G52	
	RAM		LPDDR4X 8GB		LPDDR4X 4GB	
	ROM	64G		32G		
Optical Parameters	White Balance					
	Brightness	600 nits				
	Refresh Rate	≥3840 Hz				
	Contrast Ratio	20000:1				

	Grayscale	≥14-bit			
	Color Temperature	3000–15000 K adjustable			
	Viewing Angle (H/V)	175° / 175°			
	Lifespan	200,000 hours			
	Input Voltage	AC 100–240V, 50/60Hz			
Electrical Parameters	Max Power Consumption	~1200W	~1120W	~1120W	~1040W
	Average Power Consumption	~480W	~448W	~448W	~416W
Environmental Conditions	Operating Temperature / Humidity	-10°C ~ +60°C / 10%–90% RH			
	Storage Temperature / Humidity	-20°C ~ +60°C / 10%–90% RH			

Front / Rear Panel

Interface Description

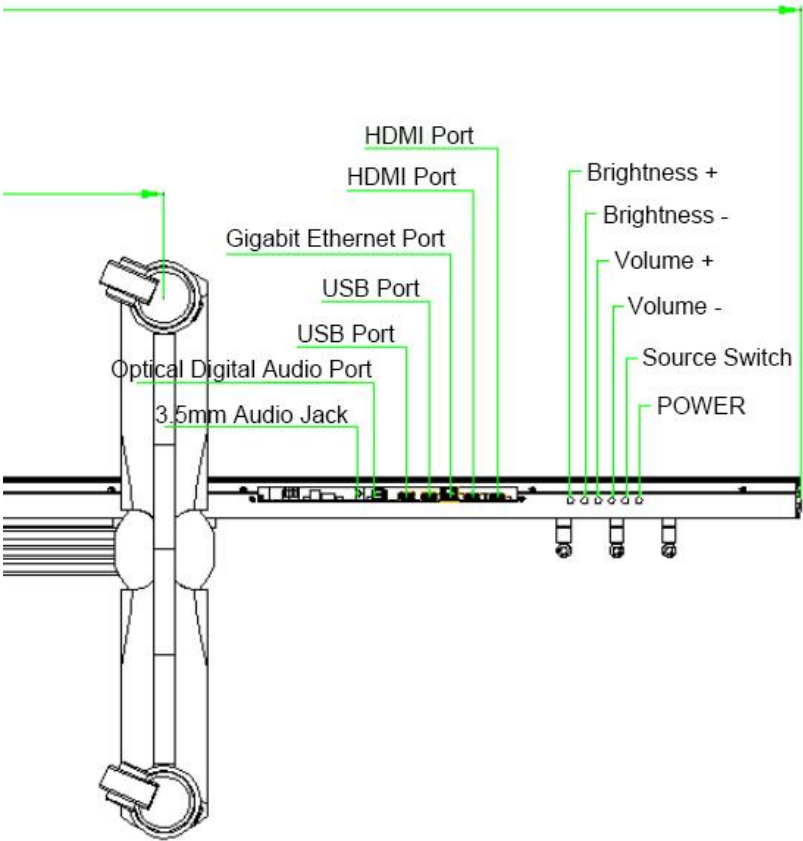


Figure 4 Bottom Input/Output Interfaces and Button Controls



Figure 7 MEE210 Interface Diagram

MEE210 Interface Description							
No.	1	2	3	4	5	6	7
Description	HDMI 1.3 Input	HDMI 1.3 Output	1G Ethernet Port	USB2.0		Optical Digital Audio Output	3.5mm Audio

Product Model Diagram

