

COB-9308 COB-2508 COB-5608 COB-8708

108-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-9308	COB-2508	COB-5608	COB-8708
System Parameters	Pixel Pitch (mm)	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/ 120	1/ 108	1/ 90
	Cabinet Size (mm)	600 × 337.5 × 35.5			
	Display Size (mm)	2400 × 1350			
	Overall Size with Stand (mm)	2410 × 2070			
	Native Resolution	2560 × 1440	1920 × 1080	1536 × 864	1280 × 720
	Audio	2 × 15W speakers			
	Installation Method	Mobile stand / Wall-mounted			
	Maintenance Method	Front maintenance			
	System Configuration	Control System	MEE410 + KT16E	MEE210	
Operating System		Android 13	Android 11		
CPU Frequency		2.2 GHz	1.8 GHz		
CPU Cores		8	4		
GPU		Mali-G52	Mali-G52		
RAM		LPDDR4X 8GB	LPDDR4X 4GB		
	ROM	64G	32G		
Optical	White Balance	600 nits			

Parameters	Brightness				
	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
	Operating Temperature / Humidity	-10°C ~ +60°C / 10%–90% RH			
Environmental Conditions	Storage Temperature / Humidity	-20°C ~ +60°C / 10%–90% RH			

Front / Rear Panel

Interface Description

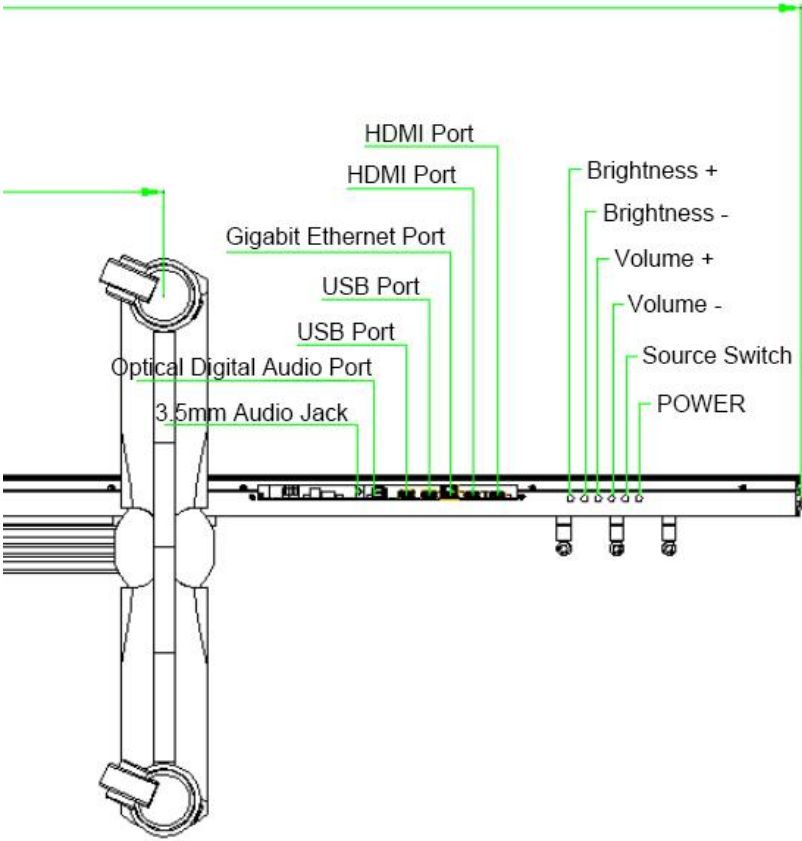


Figure 4 Bottom Input/Output Interfaces and Button Controls

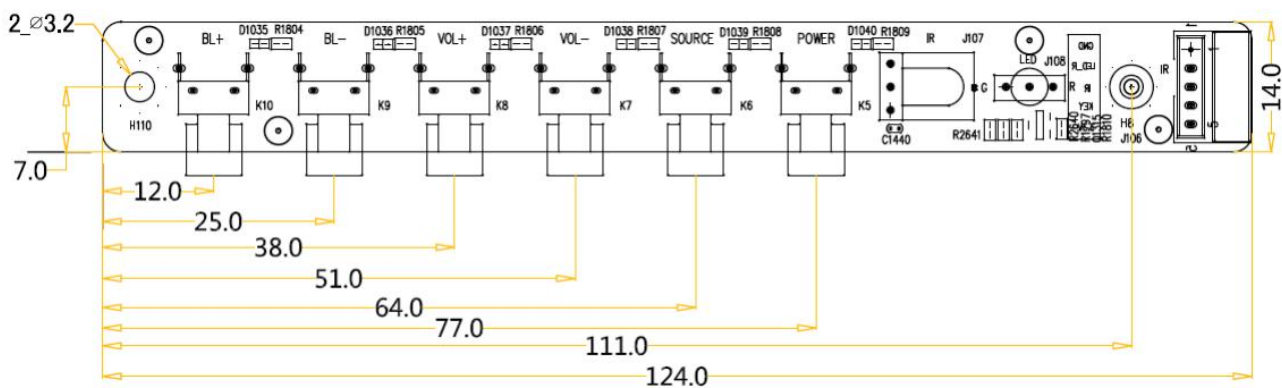


Figure 5 Button Module

The button module is used for hardware control of the conference system, including brightness adjustment, volume control, and one-touch power on/off.

All-in-One Conference Display Button Function Description								
No.	BL+	BL-	VOL+	VOL-	SOURCE	POWER	LED Status Indicator	
Description	Brightness +	Brightness -	Volume +	Volume -	Source Switch	Power On/Off	Blue light on (power on)	Red light on (standby)

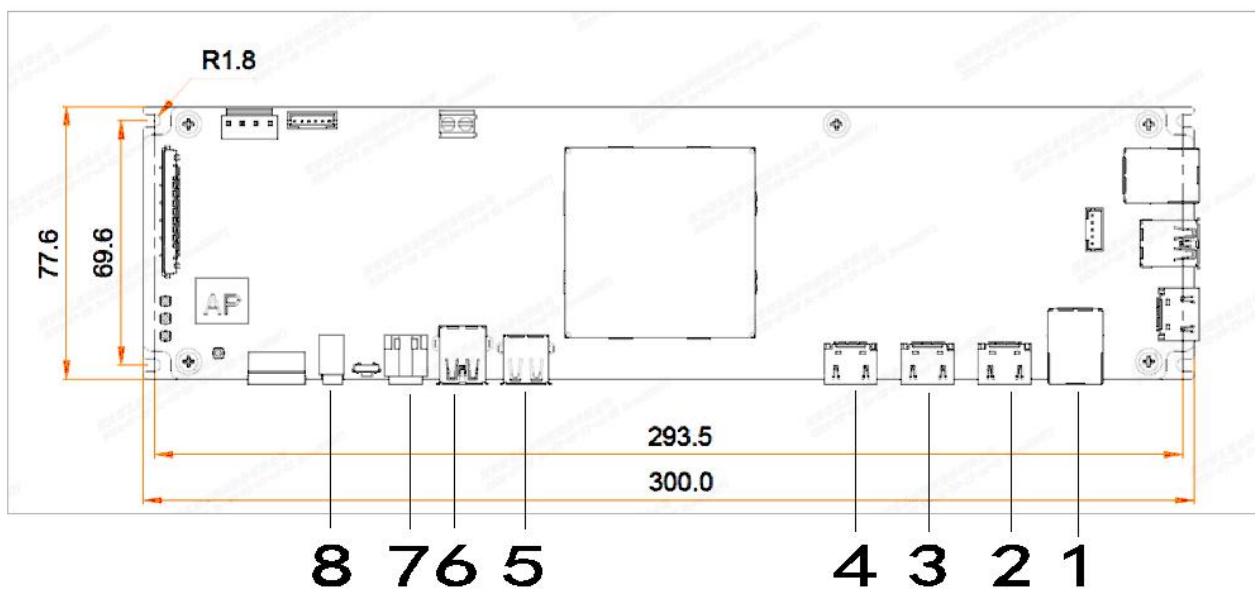


Figure 6 MME410 Interface Diagram

MEE4K Interface Description								
No.	1	2	3	4	5	6	7	8
Description	1G Ethernet Port	HDMI 2.0 Input		HDMI 2.0 Output	USB 2.0 Type-A	USB 3.0 Type-A	Optical Digital Audio Output	3.5mm Audio



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

