

COB-7863 COB-9363 COB-2563 COB-5663 COB-8763**163-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-7863	COB-9363	COB-2563	COB-5663	COB-8763
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)	150 × 168.75	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)	3600*2025				
	Overall Size with Stand (mm)	3610*2745				
	Native Resolution	4608*2592	3840*2160	2880*1620	2304*1296	1920*1080
	Audio	2 × 15W speakers				
	Installation Method	Mobile stand / Wall-mounted				
	Maintenance Method	Front maintenance				
System Configuration	Control System	H5		MEE410 + KT16E		MEE210
	Operating System	Windows		Android 13		Android 11
	CPU Frequency	Subject to project requirements		2.2 GHz		1.8 GHz
	CPU Cores			8		4
	GPU			Mali-G52		Mali-G52
	RAM			LPDDR4X 8GB		LPDDR4X 4GB
	ROM	64G		32G		
Optical Parameters	White Balance	600 nits				
	Brightness					

Electrical Parameters	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				
	Max Power Consumption	~2700	~2700	~2520	~2520	~2340
	Average Power Consumption	~1080	~1080	~1008	~1008	~936
	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

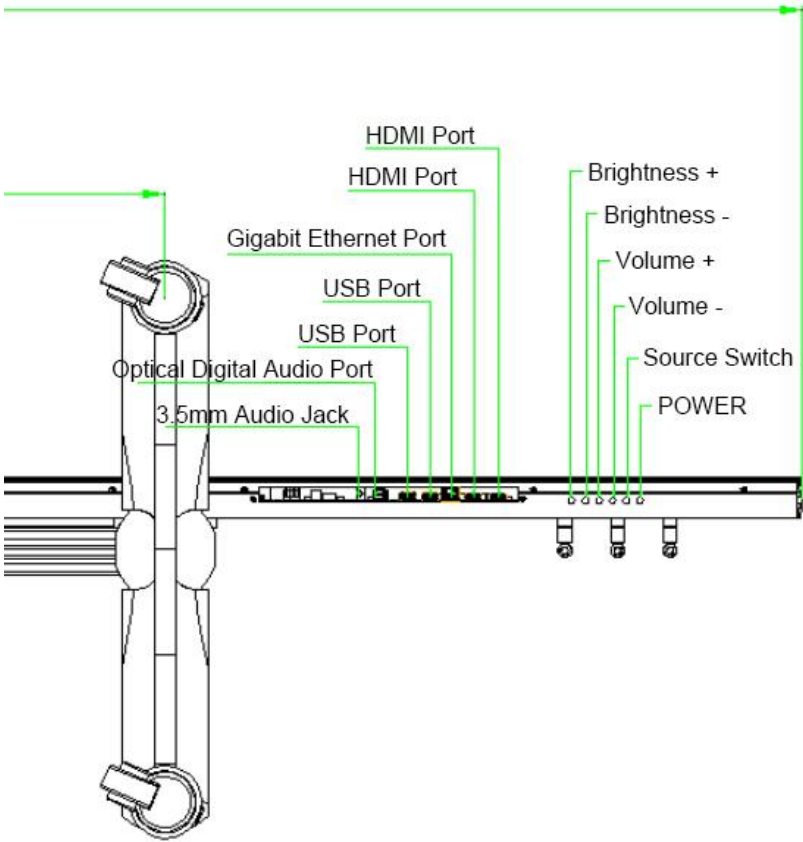


Figure 4 Bottom Input/Output Interfaces and Button Controls

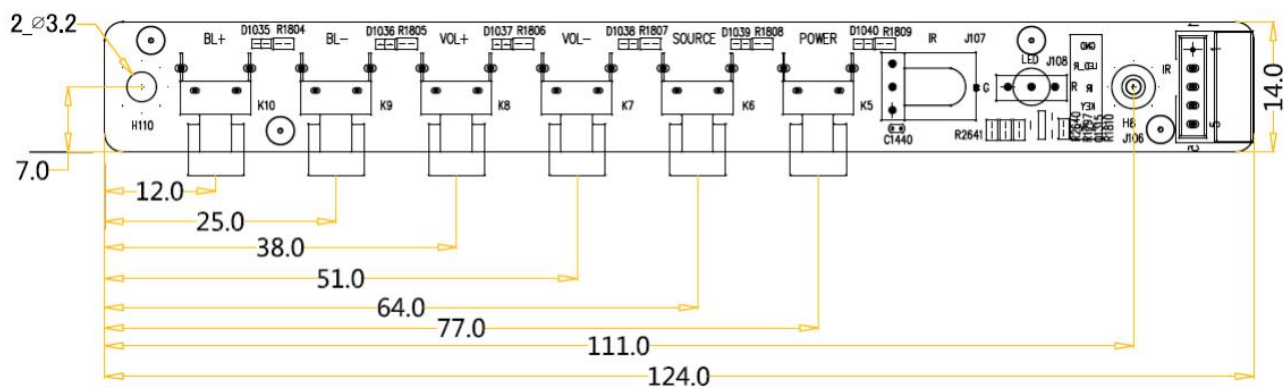


Figure 5 Button Module

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)

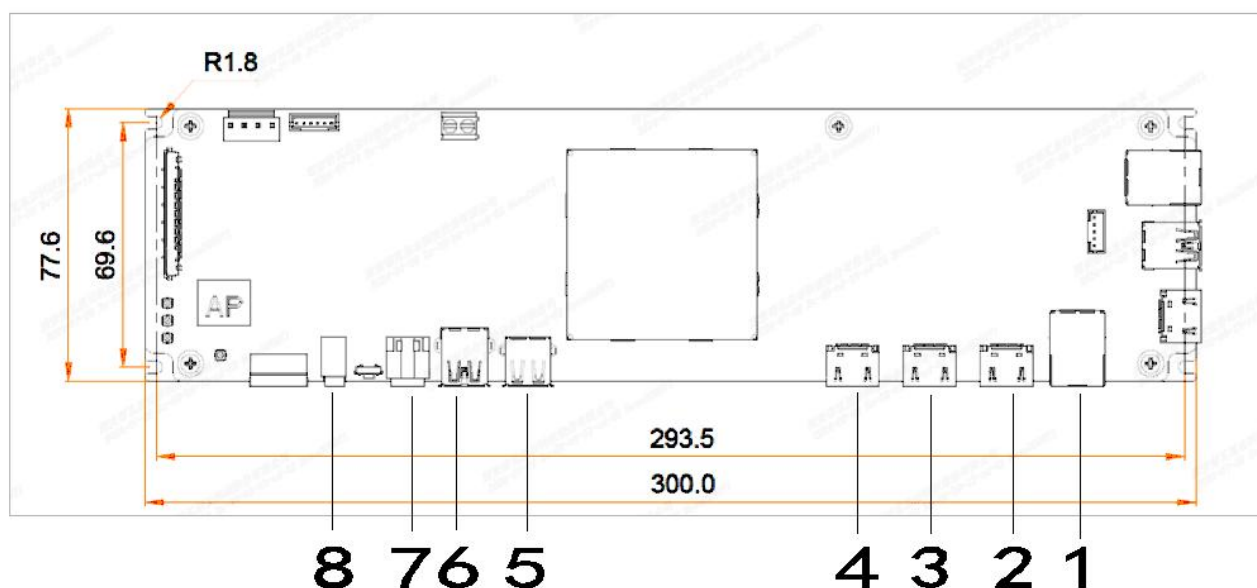


Figure 6 MME410 Interface Diagram

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

