



AVA SX8600MC

Interactive Flat Panel

Next Generation Interactive
Collaboration Display





1. Product Feature

- Zero bonding technology, low parallax writing and wider viewing angles.
- 4mm anti-glare tempered glass.
- 4K Ultra HD display, support for all-channel 4K UI display.
- Support wireless screen mirroring.
- Support dual pens with different color displays, which makes teamwork easier.
- High-level welcome application, enriching the live interactive experience with great fun.
- Split whiteboard, parallel tasks and wider scenes.
- Eye protection, lock screen, touch lock and other tools.

2. Display

Size	86"
Response Time	≤5ms
Aspect Ratio	16:9
Display Area	86": 1896(H) ×1067(V) mm
Resolution	3840(H) ×2160(V)
Pixel Pitch	86": 0.4935×0.4935mm
Refreshing Frequency	60Hz
Display Color	1.07B (10bit)
NTSC	72%
Contrast Ratio	86": 1200:1 / 5000:1 / 6000:1
Viewing Angle	178°(H/V)
Back Light Unit	DLED
Brightness(typ)	400cd/m ²
Life Time	≥50,000hrs



3. Camera microphone (Optional)



Camera

Pixel	48MP
Quantity	1
Location	Upper frame
Viewing Angle	D=119° H=97° V=74°

Function



Supports sound source localization, portrait tracking, automatic white balance, and 3D noise reduction



Microphone

Distance of a Pickup	0~8m
Quantity	8
Pickup Angle	0°~180°

Function



Supports echo cancellation, background noise suppression, and gain compensation

4. Audio



Audio

Sound Channel	2.0
Speaker Power	2×20W



5. Touch System

Sensing Type	IR Touch
Supported System	Wippows10/Windows8/Windows7/Windows XP/Android/Linux/Mac OS X/Chrome
Android writing points	40 points touch
PC writing points	40 points touch
Min. Object Size	3mm
Touch Tool	Opaque objects(Finger, stylus pen, etc.)
Response Time	≤5ms
Accuracy	±2mm
Writing Height	≤3mm
Writing Display	Single stylus pen with two colors
Interpolation Resolution	32767(W) × 32767(D)

6. Operating System

Chip solution	C.MT9679
System version	Android 14.0 EDLA
Main frequency	1.5GHZ
CPU	Quad-core A73
GPU	G52MC1
RAM	8GB
ROM	128GB
OSD	English, Simplified Chinese, French, German, Spanish, Italian, Russian, Japanese, Polish, Dutch, Swedish, Czech, Danish, Portuguese, Finnish, Traditional Chinese, Arabic, Vietnamese, Ukrainian, Indonesian, Kazakh, Thai, Malay, Bengali (India), Hindi, Nepali, Tamil, Kannada, Gujarati, Uzbek, Urdu, Turkish, Korean





7. Bluetooth

Version	5.4
Operation Frequency	2.4GHz
Operation Distance	0~10m
Remark	Built-in Bluetooth

8. Wi-Fi

Version	IEEE802.11a/b/g/n/ac/ax
Operation Frequency	2.4GHz/5GHz
Operation Distance	0~10m
Remark	Built-in WiFi

9. Front Interface

USB	2 (Channel version 3.0, Android version 2.0)
HDMI IN	1
TOUCH USB	1
TYPE-C	1 (USB Function)
Key	1

10. Onboard Interface

RJ45	1
RS232	1
OPTICAL OUT	1
MIC IN	1





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10. Onboard Interface

RJ45	1
RS232	1
OPTICAL OUT	1
MIC IN	1
LINE OUT	1
USB 3.0	1
TOUCH OUT	1
HDMI	2
USB2.0	1



11. Power

Power Requirements	86": Rated 100-240V~, max 90-264V~50/60Hz 5.0A
Max Power	86": 500W
Standby Power	≤0.5W

12. Physical Specifications

Dimension(L × W × T)	86": 1953×1184.4×116mm
Dimension(package) L × T × H	86": 2081×190×1294mm
Thickness of Machine (including bracket)	86": 145mm (75/86)
VESA	86": 800×400mm
Wall-hanging Screw Spec	M8×20mm
Net Weight	86": 67±1KG
Gross Weight	86": 80.2±1KG



13. Accessories

Power Cord	×1
Stylus Pen	×1
Wall Mount	×1 (55/65 V6) (75/86 V8)
Remote Control	×1
Remote Control Battery	×1pair (not available overseas)
Quick Start	×1

14. Environmental Conditions

Operation Temperature	0°C~40°C
Operation Humidity	10%~90%RH
Storage Temperature	-20°C~60°C
Storage Humidity	10%~90%RH
Altitude	< 5000m

15. Optional Module

OPS Module Dimension (L × W × H)	OPS Size (120mm*180mm*30mm) OPS Size (195mm*180mm*30mm) OPS Size (195mm*180mm*42mm)
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