

MAXHUB Interactive Flat Panel

Model: E8630A

MAXHUB E3 Series shines as an exceptional choice, tailored specifically for educational environments. It features a secure operating system for seamless integration with Google apps and accounts. The AI-powered SoC ensures smooth performance, while the advanced touchscreen allows for natural and precise writing. The built-in camera and microphone deliver clear audio and video for seamless interactions. With versatile connectivity options, teachers can easily share content from multiple devices. MAXHUB E3 Series enhances classroom collaboration and engagement, making it the perfect choice for educators and students.



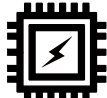
Prominent Display

4K display, 10-bit color
High color accuracy, $\Delta E \leq 1$



SkyWave Sound System

2.2 channel speaker
2×12W+2×25W maximum



Peak Performance

Octa-core CPU, independent NPU
8GB RAM, 128GB ROM



Precious Touch

MAXHUB Think&Ink Technology
50 touch points, ± 1.5 mm touch accuracy



Classroom Care

Hardware-grade eye care
TÜV Low Blue Light and Flicker Free certification



Advanced Security System

Powered by Android 16 with Google EDLA certification



Hybrid Learning

50MP ultra-wide camera
8 microphone array



Comprehensive Software Suite

MAXHUB EDU OS V4, extensive education-tailored applications

Display		Touch System	
Model	E8630A	Touch Technology	Infrared recognition
Diagonal Size	86 inch	Touch Point	50 points touch
Display Area	1909.04(H) × 1080.96(V) mm	Object Recognition Range	3 mm
Aspect Ratio	16:9	Accuracy	± 1.5 mm
Resolution	3840 (H) × 2160 (V)	Response Time	≤ 5 ms
Panel Type	VA	Writing Height	≤ 2 mm
Viewing Angle	178° (H/V)	MAXHUB Think&Ink	Yes, Direct Annotation
Screen Level	A-Level	System (Touch Return)	Windows11/ Windows10/ Windows8/ Windows7/ Android/ Linux/ Mac OS X/ Chrome
Panel Brightness	400 nits (typ.) 450 nits (max.)		
Contrast Ratio	5,500:1 (typ.) 50,000:1 (dynamic)		
Color Depth	1.07B (10bit)		
Color Gamut (typ.)	98% sRGB		
Color Accuracy	Δ E≤1		
Glass	Zero parallax 3 mm thickness 9H tempered		
Surface Technology	Anti-glare, 25% haze		
Sensor	Ambient light sensor Ambient color temperature sensor		
Eyes Care	TÜV Flicker Free TÜV Low Blue Light		
Refresh Rate	60 Hz		
Response Time	6.5 ms		
Backlight Unit	DLED		
Backlight Life (typ.)	≥ 60,000 hours		
Built-in System			
Operating System	Android 16.0		
Certification	Google EDLA certification		
RAM	8GB		
ROM	128GB		
SoC Process	8 nm		
CPU	A72×4+A53×4 octa-core, 2.2GHz		
GPU	Mali G52 MC3		
NPU	6 TOPS		
Cam/Mic			
Position	Integrated design, centered on top		
Camera	50MP 150° DFOV, 120° HFOV, 91° VFOV		
Microphone	8-mic array Up to 12-meters pickup range		
Connectivity			
Input	HDMI IN × 3	Up to 4K@60Hz, HDCP 1.4&2.2&2.3, CEC, ARC (ARC only supported in HDMI 1)	
	USB 2.0 × 1	For system upgrades	
	USB 3.0 × 3	The rear USB port is only available in Android	
	Touch × 2	2.0 × 2	
	USB Type-C × 1	USB 3.0, for external peripheral	
	AUDIO IN × 1	3.5 mm Jack, remixing supported	
	RS232 × 1	Baud rate 9600	
	RJ45 IN × 1	10M/ 100M/ 1000Mbps	
Output	HDMI OUT × 1	Up to 4K@60Hz	
	AUDIO OUT × 1	3.5 mm Jack	
	SPDIF × 1	PCM output format	
OPS Slot	Module slot × 1		
Wi-Fi Module Slot	Module slot × 1		
Wi-Fi Module (SI07B)	Wi-Fi 6 supported 802.11 ac/b/g/n/a/ax, 2.4GHz/5GHz		
Bluetooth	5.2		

Audio		Power	
Audio System	SkyWave Sound System	Power Supply	100-240V~ 50/60 Hz
Sound Channel	2.2	Power Consumption (standby)	≤ 0.5W
Speaker Power	2×8W + 2×18W (output) 2×12W + 2×25W (maximum)	Power Consumption (typ.)	190W
Sound Pressure Level	88 dB (1W, 1m)	Power Saving	Energy Star Certification

Environment		Software	
Operating Temperature	0℃ ~ 40℃	System OS	MAXHUB EDU OS V4
Storage Temperature	-20℃ ~ 60℃	Whiteboard Tool	MAXHUB EasiClass
Operating Humidity	10%-90% RH	Screen Sharing	MAXHUB Connect
Storage Humidity	10%-90% RH	Device Management	MAXHUB Pivot
Altitude	Below 5000 meters	Google Apps	Google Play, Google Drive, Google Meet, Google map, YouTube, etc.
Dust Resistance	IP5X-rated	Other Apps	Browser, Cloud Drive, Note, Palette, etc.

Physical Specification		Accessories	
Dimension (L×H×D)	1958.9×1179.2×99.6 mm	Power Cord	3 m × 1
Shipping Dimension (L×H×D)	2110×1306×185 mm	HDMI Cable	3 m × 1
Thickness of Machine and Wall Mount	124.8 mm (WIB9060H)	Remote Control	× 1
Wall-hanging Screw	M8×25mm	Stylus	× 2
VESA	800×600	Display Bracket	× 2
Net Weight	52.45 kg	Wall Mount Bracket	WIB9060H × 1
Gross Weight	69.00 kg	Wi-Fi Module	SI07B × 1

Optional Module	
PTZ Camera	UC P30
Video Bar	UC S07, XBar U50
OPS Module	OPS72A
Sensor Box	WL10C, WL20
Mobile Stand	ST33M, ST23B, EST09, EST11

					
UC P30	UC S07	OPS72A	WL10C	ST33M	ST23B

Where Inspiration Moves Ahead