

# MAXHUB Smart Blackboard

Model: B8610

Witness the marriage of aesthetics and function with the B8610 Smart Blackboard, the ultimate design masterpiece for an optimal educational experience. Combining unparalleled visual appeal with integrated writing capabilities and next-generation eye-care technology, this classroom innovation redefines modern teaching and learning. Equipped with a built-in camera, microphone, and all-in-one functionality, the B8610 Smart Blackboard takes learning to new heights while being easy on the eyes. Perfect for multimedia presentations, interactive lesson plans, or collaborative learning activities, the B8610 Smart Blackboard is the all-in-one solution that raises the bar in every aspect.



## Prominent Display

High Color Accuracy,  $\Delta E \leq 1.5$   
Zero Bonding Technology



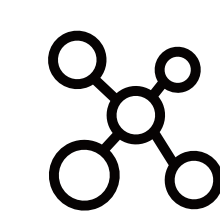
## Professional security protection

Design with no sharp edges  
minimizes unintentional bumping



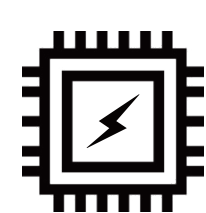
## Eyes Care

TUV Eye Comfort, TUV Low  
Blue light, TUV Flicker-free



## All-in-One Capability

16M Wide-angle Camera  
4-Array Microphone



## Powerful Configuration

Powerful 2.0GHz Quad-core  
CPU, 8GB RAM, 64GB ROM



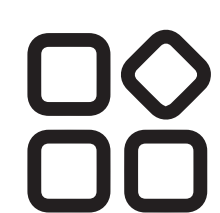
## Natural Writing Experience

Seamless integrated design, supports  
writing with chalk, dust-free chalk, and  
water-based pens



## Convenient Connectivity

All-in-one Type-C interface, integrate  
65W power charge, video, audio,  
touch and internet access features



## Comprehensive Software Suit

MAXHUB EDU OS V3.0 based  
on Android 13, including extensive  
self-developed applications.



Display		
Model	B8610	
Diagonal Size (inch)	86	
Display Area	1895.04(H) × 1065.96(V)mm	
Aspect Ratio	16:9	
Resolution	3840 x 2160	
Viewing Angle	178° (H/V)	
Brightness (typ.)	400cd/m²	
Contrast Ratio	4000:1 (Typ.)	
	8000:1 (Dynamic.)	
Color Depth	1.07B (10bit)	
Color Gamut (typ.)	72% NTSC	
Color Accuracy	Delta E≤ 1.5	
Glass	Zero parallax, 3.2mm thickness, 9H Tempered	
Surface Technology	Anti-glare, Etched AG Technology	
	Support writing with ordinary chalk, dustless chalk and liquid pens	
Eyes Care	TÜV Eye Comfort	
	TÜV Flicker Free	
	TÜV Low Blue Light	
Refresh Rate	60Hz	
Response Time	8ms	
Backlight Unit	DLED	
Backlight Life (typ.)	≥ 50,000 Hours	

Touch System		
Touch Technology	Infrared recognition	
Touch Point	20 Points touch	
Object Recognition Range	3mm	
Accuracy	± 2mm	
Response Time	≤ 9ms	
Supported Operating	Windows10 / Windows8 / Windows7 / WindowsXP /	
System (Touch Return)	Android / Linux/Mac OS X / Chrome	

Built-in System		
Operating System	Android 13.0	
RAM	8GB	
ROM	64GB	
CPU	2.0GHz quad core ARM A55	
GPU	Mali-G52 MP2	

Connectivity		
Input	HDMI IN × 3	
	USB 2.0 × 1	
	USB 3.0 × 4	
	USB Type-C × 1	
	VGA IN × 1	
	AUDIO IN × 1	
	RS232 × 1	
Output	RJ45 IN × 1	
	HDMI OUT × 1	
	TOUCH OUT × 2	
	AUDIO OUT × 1	
	SPDIF × 1	
OPS Slot	RJ45 OUT× 1	
	module slot × 1	
	module slot × 1	

Camera/Audio/Microphone		
Built-in Camera	16M 135° FOV	
Video Recording	4K, 1080P, 720P	
Built-in Microphone	4-Array Microphone	
Microphone pick up range	0-8m	
Speaker Output Power	2 × 25W (Max.)	
	Upper front speaker	

Power		
Power Supply	AC 100~240V 50/60Hz	
Power Consumption (standby)	≤ 0.5W	
Power Consumption (maximum)	440W	

Environment		
Operating Temperature	0℃~40℃	
Storage Temperature	-20℃~60℃	
Operating Humidity	10%~90%RH	
Storage Humidity	10%~90%RH	
Altitude	Below 5000 meters	
Software		
System OS	MAXHUB EDU OS V3.0	
Account management	MAXHUB Account	
Whiteboard Tool	MAXHUB Class	
Screen sharing	MAXHUB Connect	
Device management	MAXHUB Pivot	
Other Apps	Browser, Cloud Drive, Note, Palette, WPS Office, etc.	
Physical Specification		
Dimension (W x H x D)	Main screen: 1994 × 1200 × 109mm	
	Blackboard: 1114 × 1200× 112mm	
	After assembling: 4200×1219× 98mm	
Shipping Dimension (W x H x D)	Main screen: 2156× 255× 1335mm	
	Blackboard: 1240 ×280 ×1257mm	
Thickness of machine and wall mount	98mm	
Net Weight	Main screen: 61.45kg	
	Total Blackboard: 18.10kg	
Gross Weight	Main screen: 80.20kg	
	Total Blackboard: 25.12kg	
Accessories		
Power Cord	3m x 1	
Remote Control	x 1	
Stylus	x 2	
HDMI Cable	3m x 1	
USB Type-C Cable	1.8m x 1	
USB Touch Cable (Type A-B)	5m x 1	
Wall Mount	x 1	
Wireless Adapter	x 1	
Optional Module		
OPS	OPS62A	
Mobile Stand	ST31	
Borad	Blackboard & Whiteboard	

# MAXHUB

Beyond Collaboration