

MAXHUB Interactive Flat Panel U3 Series

Model Name: U8630

MAXHUB U3 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. With versatile connectivity options, teachers can easily share content from multiple devices. MAXHUB U3 Series enhances classroom collaboration and engagement, making it the perfect choice for educators and students.



Prominent Display

High color accuracy, $\Delta E \leq 1.5$
500 nits Peak brightness



Precise Touch

Revolutionary writing experience,
near-zero latency



Classroom Care

Eye care and anti-bacterial
certifications



Immersive Sound

2.2 Channel speaker
8-Array microphone



Peak Performance

AI-Powered 8-core CPU
8GB RAM, 64GB ROM



Unparalleled Compatibility

Latest Android 13 system,
Google EDLA certificated



Convenient Connectivity

Full function USB-C, integrate
100W PD, video, audio, touch
and internet access features



Comprehensive Software Suite

MAXHUB EDU OS V4.0, extensive
self-developed applications

Display	
Model	U8630
Diagonal Size (inch)	86
Display Area	1895.04(H)×1065.96(V)mm
Aspect Ratio	16:9
Resolution	3840(H)×2160(V)
Panel Type	VA
Viewing Angle	178° (H/V)
Screen Level	A-Level
Panel Brightness	500 nits
Contrast Ratio	5,000:1 (Typ.) 50,000:1 (Dynamic)
Color Depth	1.07B (10bit)
Color Gamut (typ.)	72% NTSC
Color Accuracy	Delta E ≤ 1.5
Glass	Zero parallax 3mm Thickness 9H Tempered
Surface Technology	Non-glare Technology
Sensor	Ambient light sensor Ambient color temperature sensor
Eyes Care	TÜV Flicker Free TÜV Low Blue Light
Anti-bacterial	TÜV/SGS/SIAA Anti-bacterial certifications
Refresh Rate	60Hz
Response Time	6.5ms
Backlight Unit	DLED
Backlight Life (typ.)	≥50,000 Hours

Touch System	
Touch Technology	Intelligent Touchscreen Technology (infrared recognition)
Touch Point	50 Points touch
Object Recognition Range	1.5mm
Accuracy	±0.5mm
Response Time	≤2.5ms
Writing Height	≤1mm
System (Touch Return)	Windows11/Windows10/Windows8/Windows7/Android/Linux/Mac OS X/Chrome

POWER		Built-in System	
Power Supply	100-240V~50/60Hz 4.0A	Operating System	Android 13.0
Power Consumption (standby)	≤ 0.5W	Certification	Google EDLA certification
Power Consumption (typ.)	375W	RAM	8GB
Audio	8-Microphone array	ROM	64GB
		SoC Process	8nm
		CPU	A76×4+A55×4 Octa-core
		GPU	Mali-G610 MP4
		NPU	6 TOPS
Built-in Microphone	8-Microphone array		
Microphone Pick Up Range	0~10m		
Sound Channel	2.2		
Speaker	2×8W+2×18W Outputs 2×12W+2×25W Maximum		

Environment	
Operating Temperature	0℃ ~ 40℃
Storage Temperature	-20℃ ~ 60℃
Operating Humidity	10%-90% RH
Storage Humidity	10%-90% RH
Altitude	Below 5000 meters
Dust Resistance	IP5X-rated

Connectivity		
Input	HDMI IN × 4 USB 2.0 × 1 USB 3.0 × 4 USB Type-C × 2	Up to 4K@60Hz, HDCP 2.3, CEC For system upgrades Front×2, Rear×2 Video, Audio, Touch, Charge, LAN Network Sharing Front: Up to 100W PD, Rear: Up to 15W PD
	DP IN × 1 AUDIO IN × 1 RS232 × 1 RJ45 IN × 1	4K@30Hz, HDCP 1.4&2.3 3.5mm Jack Baud rate 9600 10M/100M/1000Mbps
Output	HDMI OUT × 1 USB Type-C × 1 TOUCH OUT × 2 AUDIO OUT × 1 SPDIF × 1 RJ45 OUT × 1	Up to 4K@60Hz 4K@60Hz Touch 2.0 3.5mm Jack PCM output format 10M/100M/1000Mbps
OPS Slot	Module slot × 1	
Wi-Fi Slot	Module slot × 1	
Wi-Fi	Wi-Fi 6 supported 802.11ac/b/g/n/a/ax, 2.4GHz/5GHz	
Bluetooth	5.2	

Accessories	
Power Cord	3m×1
HDMI Cable	3m×1
USB Touch Cable (Type A-B)	3m×1
Remote Control	×1
Stylus	×2
Wall Mount	WIB9060G
Wireless Adapter	SI07B

Optional Module	
Camera	UC W31
OPS	OPS62A/OPS72A
Sensor Box	WL10C
Mobile Stand	ST41B

Software	
System OS	MAXHUB EDU OS V4.0
Whiteboard Tool	MAXHUB Class
Screen Sharing	MAXHUB Connect
Device Management	MAXHUB Pivot
Google Apps	Google Play, Google Drive, Google Meet, Google map, YouTube, etc.
Other Apps	Browser, Cloud Drive, Note, Palette, WPS Office, etc.

Physical Specification	
Dimension (L×H×D)	1957×1171×86mm
Shipping Dimension (L×H×D)	2110×1291×225mm
Thickness of Machine and Wall Mount	116mm (WIB9060G)
Wall-hanging Screw	M8×25mm
VESA	800×600mm
Net Weight	63.55kg
Gross Weight	80.15kg
Optional	 OPS72A  ST41B  UC W31  WL10C