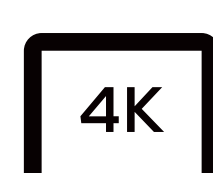


MAXHUB XBoard V7 Series

Model: V8650

Experience the ultimate in video conferencing and collaboration with the MAXHUB XBoard V7 series. Powered by a Windows PC module, this all-in-one design device seamlessly integrates an intelligent triple camera, cutting-edge audio processing, interactive whiteboarding, and an intuitive meeting launcher, all housed within a single comprehensive collaboration display. This powerful combination enhances the dynamism of meetings and introduces a flexible and creative interaction to your organization.



Professional 4K Display

High color accuracy, $\Delta E \leq 1.5$
Wide color gamut, NTSC 90%
Non-glare technology, 25% haze



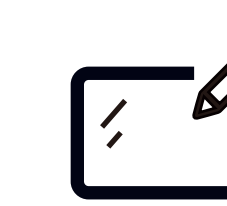
Precise Touch

Intelligent Touchscreen Technology
Revolutionary writing experience,
Windows Ink supported



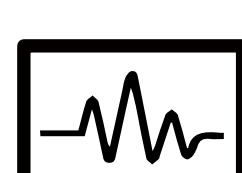
Seamless Content Sharing

Embrace seamless efficiency
enabled by MAXHUB Share App



Smart Whiteboard

Direct annotation
Real-time collaboration



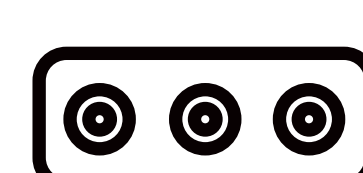
Get Spatial with Sound

16-mic array, 15 meters pick-up
range. Multiple AI-enhanced
audio algorithms



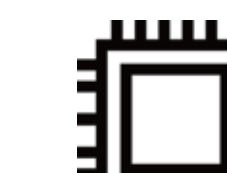
Built-in Speaker

2 × 10W + 20W speaker
2.1 sound channel



Trident Lens System

50 MP+50 MP+50 MP cameras
5x hybrid zoom, 99° ultra-wide FOV



Peak Performance

Unleash the power with MT71 series
PC module. 12th Gen Intel Processor
with Windows system, stably smooth

Display	
Model	V8650
Screen Size (Inch)	86
Aspect Ratio	16:9
Panel	IPS
Backlight	DLED
Brightness (Typ.)	350 nits
Glass	Zero parallax
	3mm thickness
	9H tempered
Surface Technology	25% haze Non-glare technology
Resolution	3840 × 2160
Refresh Rate	60 Hz
Contrast Ratio	1200:1 (typ.)
Viewing Angle (H × V)	178° / 178°
Color Gamut	90% NTSC
Display Orientation	Landscape
Response Time	8 ms
Life Time	>50,000 hours
Operation Hours (Hours / Day)	16 / 7
Display Color	1.07B (10 bit)
Color Accuracy	Delta E ≤ 1.5
Sensor	Ambient light sensor
	Ultrasonic detection sensor
Pixel Pitch	0.4935(H) × 0.4935(V) mm
Display Area	1895.04(H) × 1065.96(V) mm

Touch System	
Touch Technology	Intelligent Touchscreen Technology (infrared recognition)
Touch Point	50 points touch
Object Recognition Range	≥1.5 mm
Accuracy	±0.5 mm
Response Time	≤2.5 ms
Writing Height	≤1 mm
System (Touch Return)	Windows 11/ Windows 10/ Windows 8/ Windows 7/ Android/ Linux/ Mac OS X/ Chrome OS
Feature	Windows Ink / Direct Annotation / Palm Rejection / Sharp Erase Multi-input Recognition / Handwriting Recognition

Camera	
Wide Camera	50MP × 1 DFOV 99°, HFOV 86°
Telephoto Camera	50MP × 2 DFOV 68° (combined), HFOV 63° (combined)
Zoom	5x hybrid zoom
Privacy Shutter	Yes
Feature	Personalized presets
	Auto framing
	Speaker tracking
	Multiple-speaker tracking
	Intelligent focus
	Video fence

Connectivity	
I/O Ports (Interactive Display)	
HDMI IN × 2	Up to 4K@60Hz, HDCP 2.2, CEC
USB 2.0 × 1	For system upgrades
USB 3.0 × 2	For external peripherals
USB Type-C IN × 1	USB 2.0, supports DP 1.2 input, wireless dongle pairing, and BYOD
TOUCH 2.0 × 1	USB 2.0 Type B
AUDIO IN × 1	3.5mm Jack
AUDIO OUT × 1	3.5mm Jack
RS232 × 1	Baud rate 9600
RJ45 IN × 1	Mic in, supports 30W POE, microphone cascade, AES67 protocol
I/O Ports (PC Module)	
HDMI OUT × 1	Up to 4K@30Hz
USB 2.0 × 3	For external peripherals
USB 3.0 × 3	For external peripherals
RJ45 IN × 1	10M/100M/1000Mbps
MIC IN × 1	3.5 mm Jack, input for microphone
PC Module Slot	Module slot × 1
PC Module System	Windows 10 IOT (SKU: MT71S) Windows 11 Pro (SKU: MT71F)
Wi-Fi Slot	Module slot × 1
Wi-Fi (PC Module)	Wi-Fi 6 supported 802.11ax, 2.4GHz/5GHz
Bluetooth (PC Module)	5.2

Feature	
System OS	MAXHUB OS 7.0 powered by Windows
Screen Share	MAXHUB Share Supports Miracast / Airplay / Chromecast / P2P
Device Management	MAXHUB Pivot
Protocol Control	RS232 / IP control Supports integration with Extron / Q-sys / AMX and more
Special Features	Microsoft Intune

Physical Specification	
Dimension (W × H × D)	1957 × 1180.1 × 103 mm 77.05 × 46.46 × 4.06 inch
Shipping Dimension (W × H × D)	2110 × 1283 × 225 mm 83.07 × 46.74 × 8.86 inch
Thickness of machine and wall mount	130 mm / 5.12 inch
Wall-hanging Screw Spec	M8 × 25 mm
VESA	800 × 600 mm
Net Weight	59.95 Kg / 132.17 lb
Gross Weight	74.55 Kg / 164.35 lb

Power	
Power Supply	100-240V~ 50/60Hz 4.0A
Standby Power	≤ 0.5 W
Power Consumption (Typ.)	175 W
Power Consumption (Max.)	320 W

Accessory	
Power Cord	3m × 1
HDMI Cable	1.5m × 1
Stylus	× 2
Wall Mount	WIB6540H
Wireless Adapter	SI07B

Environmental Conditions	
Operating Temperature	0°C~40°C / 32°F~104°F
Storage Temperature	-20°C~60°C / -4°F~140°F
Operating Humidity	10%~90%RH
Storage Humidity	10%~90%RH
Altitude	Below 5000 meters

Certification	
Safety	IEC 62368-1
EMC	Class B
Environment	Energy Star
IP Rating	IP5X design standards

Warranty	
3 years warranty	

Optional Module	
Pluggable PC Module	MT71S / MT71F
Mobile Stand	ST33M / ST23G



MT71S / MT71F



ST33M

Statement	
Size and weight vary by configuration and manufacturing process, please refer to the actual product. The product images are for illustrative purposes only and may slightly differ in appearance, colour, size, etc. from the actual product. The description, illustrations, etc. in this document may subject to change in accordance with the latest product specification and performance.Should the above-mentioned change in the document become necessary, the document may be updated without written notice.	

MAXHUB

Where Inspiration Moves Ahead.



www.maxhub.com



sales@maxhub.com



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