

# MAXHUB XBoard V7 Series

## Model: V5550

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.



4K	Precise Touch	BYOM Anytime	Smart Whiteboard
<b>Professional 4K Display</b> High color accuracy, $\Delta E \leq 1.5$ Wide color gamut, NTSC 90% Non-glare technology, 25% haze	<b>Precise Touch</b> Intelligent Touchscreen Technology Revolutionary writing experience, Windows Ink supported	<b>BYOM Anytime</b> Embrace seamless efficiency enabled by MAXHUB Share App or wireless dongle	<b>Smart Whiteboard</b> Direct annotation Real-time collaboration

Get Spatial with Sound	Built-in Speaker	Trident Lens System	Peak Performance
16-mic array, 15 meters pick-up range. Multiple AI-enhanced audio algorithms	2 x 10W + 20W speaker 2.1 sound channel	50 MP+50 MP+50 MP cameras 5x hybrid zoom, 99° ultra-wide FOV	Unleash the power with MT71 series PC module. 12th Gen Intel Processor with Windows system, stably smooth

Display		Connectivity	
Model	V5550	I/O Ports (Interactive Display)	
Screen Size (Inch)	55	HDMI IN × 2	Up to 4K@60Hz, HDCP 2.2, CEC
Aspect Ratio	16:9	USB 2.0 × 1	For system upgrades
Panel	ADS	USB 3.0 × 2	For external peripherals
Backlight	DLED	USB Type-C IN × 1	USB 2.0, supports DP 1.2 input, wireless dongle pairing, and BYOD
Brightness (Typ.)	350 nits	TOUCH 2.0 × 1	USB 2.0 Type B
Glass	Zero parallax 3mm thickness 9H tempered	AUDIO IN × 1	3.5mm Jack
Surface Technology	25% haze Non-glare technology	AUDIO OUT × 1	3.5mm Jack
Resolution	3840 × 2160	RS232 × 1	Baud rate 9600
Refresh Rate	60 Hz	RJ45 IN × 1	Mic in, supports 30W POE, microphone cascade, AES67 protocol
Contrast Ratio	1200:1 (typ.)	I/O Ports (PC Module)	
Viewing Angle (H × V)	178° / 178°	HDMI OUT × 1	Up to 4K@30Hz
Color Gamut	90% NTSC	USB 2.0 × 3	For external peripherals
Display Orientation	Landscape	USB 3.0 × 3	For external peripherals
Response Time	8 ms	RJ45 IN × 1	10M/100M/1000Mbps
Life Time	>50,000 hours	MIC IN × 1	3.5 mm Jack, input for microphone
Operation Hours (Hours / Day)	16 / 7	PC Module Slot	Module slot × 1
Display Color	1.07B (10 bit)	PC Module System	Windows 10 IOT Windows 11 Pro
Color Accuracy	Delta E ≤ 1.5	Wi-Fi Slot	Module slot × 1
Sensor	Ambient light sensor Ultrasonic detection sensor	Wi-Fi ( PC Module)	Wi-Fi 6 supported 802.11ax, 2.4GHz/5GHz
Pixel Pitch	0.315(H) × 0.315(V) mm	Bluetooth ( PC Module)	5.2
Display Area	1209.6(H) × 680.4(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)	Windows11/Windows10/Windows8/Windows7/Android/Linux/Mac OS X/Chrome OS
Feature	Windows Ink / Direct Annotation / Palm Rejection / Sharp Erase Multi-input Recognition / Handwriting Recognition

Camera		Audio	
Wide Camera	50MP × 1 DFOV 99°, HFOV 86°	Sound Channel	2.1
Telephoto Camera	50MP × 2 DFOV 68° (combined), HFOV 63° (combined)	Speaker Power	2 × 10W + 20W
Zoom	5x hybrid zoom		
Privacy Shutter	Yes		
	Personalized presets Auto framing Speaker tracking Multiple-speaker tracking Intelligent focus	Microphone	
Feature		Quantity	16-mic array
		Pick-up Angle	180°
		Pick-up Range	0~15m
		Feature	Intelligent audio fence AI spatial sound AEC (Auto echo cancellation) ANC (AI noise cancellation) AGC (Auto gain control)

<b>Feature</b>	
System OS	MAXHUB OS 7.0 powered by Windows
Screen Share	MAXHUB Share Support BYOM / Miracast / Airplay / Chromecast / P2P
Device Management	MAXHUB Pivot
Protocol Control	RS232 / IP control Supports integration with Crestron / Extron / Q-sys
Special Features	Microsoft Intune

<b>Accessory</b>		<b>Physical Specification</b>	
Power Cord	3m x 1	Dimension (W x H x D)	1269.5 x 792.9 x 102.7 mm
HDMI Cable	1.5m x 1	Shipping Dimension (W x H x D)	1372 x 875 x 187 mm
Stylus	x 2	Thickness of machine and wall mount	130.5 mm
Wall Mount	WIB6540A	Wall-hanging Screw Spec	M8 x 25 mm
Wireless Adapter	SI07B	VESA	400 x 200 mm
		Net Weight	26.85 Kg
		Gross Weight	32.25 Kg

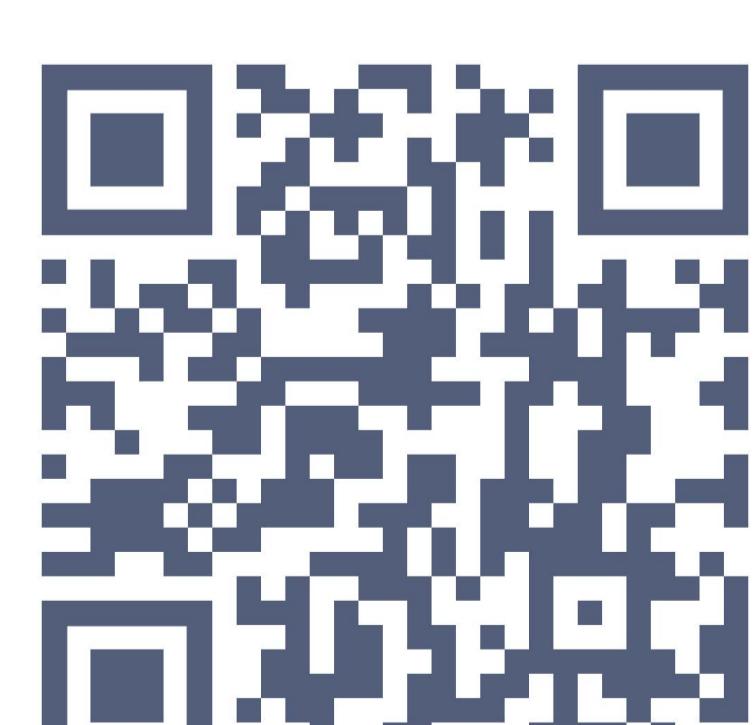
<b>Environmental Conditions</b>		<b>Power</b>	
Operating Temperature	0°C~40°C	Power Supply	100-240V~ 50/60Hz 4.0A
Storage Temperature	-20°C~60°C	Standby Power	≤ 0.5 W
Operating Humidity	10%~90% RH	Power Consumption (Typ.)	101 W
Storage Humidity	10%~90% RH	Power Consumption (Max.)	320 W
Altitude	Below 5000 meters		

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

<b>Warranty</b>	
3 years warranty	

<b>Optional Module</b>	
Pluggable PC Module	MT71S / MT71P
Mobile Stand	ST33M / ST23G
Wireless Dongle	WT13
	MT71S / MT71P
	ST33M
	ST23G
	WT13

<b>Statement</b>	
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