MAXHUB XBoard V7 Series

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, ΔE≤1.5
Wide color gamut, NTSC 90%
Non-glare technology, 25% haze

Precise Touch

Intelligent Touchscreen Technology
Revolutionary writing experience,
Windows Ink supported

BYOM Anytime

Embrace seamless efficiency
enabled by MAXHUB Share
App or wireless dongle

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

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Display				
Model	V5550	V6550	V7550	V8650
Screen Size (Inch)	55	65	75	86
Aspect Ratio	16:9	16:9	16:9	16:9
Panel	ADS	VA	VA	IPS
Backlight	DLED	DLED	DLED	DLED
Brightness (Typ.)	350 nits	350 nits	350 nits	350 nits
Glass	Zero parallax 3mm thickness 9H tempered	Zero parallax 3mm thickness 9H tempered	Zero parallax 3mm thickness 9H tempered	Zero parallax 3mm thickness 9H tempered
Surface Technology	25% haze Non-glare technology	25% haze Non-glare technology	25% haze Non-glare technology	25% haze Non-glare technology
Resolution	3840 × 2160	3840 × 2160	3840 × 2160	3840 × 2160
Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz
Contrast Ratio	1200:1 (typ.)	5000:1 (typ.)	5000:1 (typ.)	1200:1 (typ.)
Viewing Angle (H × V)	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Color Gamut	90% NTSC	90% NTSC	90% NTSC	90% NTSC
Display Orientation	Landscape	Landscape	Landscape	Landscape
Response Time	8 ms	6.5 ms	6.5 ms	8 ms
Life Time	>50,000 hours	>50,000 hours	>50,000 hours	>50,000 hours
Operation Hours (Hours / Day)	16 / 7	16 / 7	16 / 7	16 / 7
Display Color	1.07B (10 bit)	1.07B (10 bit)	1.07B (10 bit)	1.07B (10 bit)
Color Accuracy	Delta E ≤ 1.5	Delta E ≤ 1.5	Delta E ≤ 1.5	Delta E ≤ 1.5
Sensor	Ambient light sensor Ultrasonic detection sensor	Ambient light sensor Ultrasonic detection sensor	Ambient light sensor Ultrasonic detection sensor	Ambient light sensor Ultrasonic detection sensor
Pixel Pitch	0.315(H) × 0.315(V) mm	0.372(H) × 0.372(V) mm	0.42975(H) × 0.42975(V) mm	0.4935(H) × 0.4935(V) mm
Display Area	1209.6(H) × 680.4(V) mm	1428.48(H) × 803.52(V) mm	1650.24(H) × 928.26(V) mm	1895.04(H) × 1065.96(V) mm

Power				
Power Supply	100-240V~ 50/60Hz 3.5A	100-240V~ 50/60Hz 4.0A	100-240V~ 50/60Hz 4.0A	100-240V~ 50/60Hz 5.0A
Standby Power	≤ 0.5 W	≤ 0.5 W	≤ 0.5 W	≤ 0.5 W
Power Consumption (Typ.)	101 W	140 W	155 W	175 W
Power Consumption (Max.)	320 W	375 W	390 W	465 W

Feature	
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

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

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 Windows 11 Pro
Wi-Fi Slot	Module slot × 1
Wi-Fi (PC Module)	Wi-Fi 6 supported 802.11ax, 2.4GHz/5GHz
Bluetooth (PC Module)	5.2

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

Audio	
Sound Channel	2.1
Speaker Power	2 × 10W + 20W

Microphone	
Quantity	16-mic array
Pick-up Angle	180°
Pick-up Range	0~15 m
Feature	Intelligent audio fence AI spatial sound AEC (Auto echo cancellation) ANC (AI noise cancellation) AGC (Auto gain control)

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