

MAXHUB XBoard V7 T8650

Flagship interactive display for business meetings, with a flip camera, ultra-narrow bezel, high screen-to-body ratio, and capacitive touch.



Highlight

Flagship Design

Ultra-slim 2.6mm bezel with a 97.8% screen-to-body ratio.



Flagship Imaging

Triple 50MP cameras with motorized flip design. Independent Quad-Core DSP and multimodal AI recognition.



Stable & Secure

Powered by Windows 11 Pro for enterprise-grade reliability.



Flagship Acoustics

16-mic array with 15m range, AI noise reduction, and Audio Fence technology.



Efficient Meetings

MAXHUB OS 7.3 enables instant whiteboarding, quick meetings, and seamless screen sharing.



Flagship Touch Experience

Zero-height capacitive touch, $\pm 0.5\text{mm}$ precision, palm rejection, and pencil-like feel.



Flagship Display

Mini-LED IFP with 1152-zone dimming, 96% NTSC, $\Delta E \leq 1$, 1,200,000:1 contrast, and up to 1250 nits brightness.



4.1 Sound Channel System

4.1 system with 4x10W + 20W output for immersive audio.



SPECIFICATIONS

Model	T8650
Display	
Screen Size (Inch)	86
Aspect Ratio	16:9
Panel	IPS
Backlight	Mini LED
Brightness (Typ.)	500 nits
Brightness (Max.)	1250 nits
Response Time	8 ms
Resolution	3840(H) × 2160(V)
Refresh Rate	60 Hz
Contrast Ratio	1,200,000:1 (dynamic.)
Glass	Optical bonding 2mm thickness, 9H tempered
Surface Technology	25% haze, non-glare technology anti-fingerprint coating
Color Gamut	96% NTSC
Display Color	1.07B (10-bit)
Color Accuracy	Delta E ≤ 1
Display Orientation	Landscape
Life Time	> 50,000 hours
Operation Hours (Hours / Day)	16 / 7
Touch System	
Touch Technology	Capacitive recognition
Touch Channels	444 channels

Touch Point	40 points touch
Accuracy	±0.5 mm (active stylus) ±1.0 mm (passive stylus)
Feature	Windows Ink / Think&Ink / Palm Rejection / Multi-input Recognition / Handwriting Recognition
Connectivity	
I/O Ports (Interactive Display)	HDMI IN × 2 USB 2.0 × 1 USB 3.0 × 1 USB Type-C IN × 1 TOUCH 2.0 × 1 AUDIO IN × 1 AUDIO OUT × 1 RS232 × 1 RJ45 IN × 1
I/O Ports (MT71E/MT71F PC Module)	HDMI OUT × 1 USB 2.0 × 3 USB 3.0 × 3 RJ45 IN × 1 MIC IN × 1
PC Module Slot	Module slot × 1
PC Module System	Windows11 Pro
Wi-Fi Slot	Module slot × 1
Wi-Fi (MT71E/MT71F PC Module)	Wi-Fi 6 supported 802.11ax, 2.4GHz/5GHz
Bluetooth (MT71E/MT71F PC Module)	5.2
Camera	
Wide Camera	50 MP × 1 DFOV 99°, HFOV 86°

Telephoto Camera	50MP × 2 DFOV 68° (combined), HFOV 63° (combined)
Zoom	5x hybrid zoom
Privacy Protection	Motorized flip camera Encryption security chip
Feature	Personalized presets Auto framing Speaker tracking Multiple-speaker tracking Intelligent focus Video fence (release soon)
Audio	
Sound Channel	4.1
Speaker Power	4×10W+20W
Microphone	
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)
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
Certification	
Safety	IEC 62368-1
EMC	Class B
Environment	Energy Star