

# MAXHUB XBoard V7 Series

## For Microsoft Teams Room

Model: V865T

The MAXHUB XBoard is a Windows-based, all-in-one collaboration solution designed for meeting rooms and huddle spaces. It consists of a high-resolution 4K LCD touch display, a triple-camera system, crystal-clear speakers and a 16-microphone array. As a certified Microsoft Teams Room device, the MAXHUB XBoard offers seamless collaboration and immersive video conferencing experiences.



### Professional 4K Display

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



### Seamless Collaboration

Built-in touch display and Microsoft whiteboard for real-time collaboration



### Triple-Camera System

Equipped with one wide-view lens and two tele-view lens to provide clear view for all room participants



### AI-Powered Video Technology

Auto Framing  
Speaker Tracking  
Multi-Speaker Tracking  
Intelligent Focus



### Premium Audio

Built-in 16-beamforming microphone array,  
Built-in stereo speakers  
AI-powered noise reduction  
Full-duplex communication



### Flexible Content Share

Wired 4K content share via HDMI In  
Wireless content share via wireless dongle or MAXHUB Share application



### BYOD Mode

Plug-and-play, an accessible way to switch between Teams Rooms mode and BYOD mode



### Secured and Managed

Win 11 IoT SAC  
MAXHUB Pivot Supported

V865T

| Display                          |                                                              |
|----------------------------------|--------------------------------------------------------------|
| Model                            | V865T                                                        |
| Screen Size (Inch)               | 86                                                           |
| Aspect Ratio                     | 16:9                                                         |
| Panel                            | IPS                                                          |
| Backlight                        | DLED                                                         |
| Brightness (Typ.)                | 350 nits                                                     |
| Glass                            | Zero parallax<br>3 mm thickness<br>9H Tempered               |
| Surface Technology               | 25% haze<br>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<br>(Hours / Day) | 16 / 7                                                       |
| Display Color                    | 1.07 B (10 bit)                                              |
| Color Accuracy                   | Delta E ≤ 1.5                                                |
| Sensor                           | Ambient light sensor<br>Motion Sensor                        |
| Pixel Pitch                      | 0.4935 (H) × 0.4935 (V) mm /<br>0.0194 (H) × 0.0194 (V) inch |
| Display Area                     | 1895.04 (H) × 1065.96 (V) mm /<br>74.61 (H) × 41.97 (V) inch |

| Power                    |                     |
|--------------------------|---------------------|
| Power Supply             | 100-240V ~ 50/60 Hz |
| Standby Power            | ≤ 0.5 W             |
| Power Consumption (Typ.) | 275 W               |
| Power Consumption (Max.) | 465 W               |

| Touch System             |                                                              |
|--------------------------|--------------------------------------------------------------|
| Touch Technology         | Intelligent Touchscreen Technology<br>(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                                                       |

| Connectivity                    |                                                                                                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| I/O Ports (Interactive Display) |                                                                                                                                                        |
| HDMI In (2.0) × 2               | To connect an external source (disabled as default, and can be enabled on MAXHUB Align app.)                                                           |
| USB-A (2.0) × 1                 | To pair with wireless dongle-WT13M/WT13S<br>To connect keyboards or mouse, etc.                                                                        |
| Touch (USB-B 2.0) × 1           | To connect a personal laptop to access to XBoard's camera&microphone and get touch back (disabled as default, and can be enabled on MAXHUB Align app.) |
| Audio In × 1                    | To connect an external audio source to make XBoard a speaker                                                                                           |
| Audio Out × 1                   | 3.5 mm mini-jack, to connect an external speaker system                                                                                                |
| RS232 × 1                       | 9 pin                                                                                                                                                  |
| Mic In (RJ45) × 1               | To connect up to a maximum of three UC BM45 as expansion speakerphones                                                                                 |
| Wireless Access Point           | Yes (for wireless presentation )                                                                                                                       |

| Camera           |                                                                                    |
|------------------|------------------------------------------------------------------------------------|
| Wide Camera      | 50MP × 1<br>DFOV 99°, HFOV 86°                                                     |
| Telephoto Camera | 50MP × 2<br>DFOV 68° (combined), HFOV 63° (combined)                               |
| Zoom             | 5x hybrid zoom                                                                     |
| Privacy Shutter  | Yes                                                                                |
| AI Features      | Auto Framing<br>Speaker Tracking<br>Multiple-Speaker Tracking<br>Intelligent Focus |

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

| Microphone    |                                                                                                                                       |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Quantity      | 16-mic array                                                                                                                          |
| Pick-up Angle | 180°                                                                                                                                  |
| Pick-up Range | Best distance – 8 m / 26.2 ft<br>Maximum distance – 15 m / 49.2 ft                                                                    |
| Feature       | Intelligent audio fence<br>AI spatial sound<br>AEC (Auto echo cancellation)<br>ANC (AI noise cancellation)<br>AGC (Auto gain control) |

# V865T

## PC Module (Slot-in)

|                  |                                   |
|------------------|-----------------------------------|
| CPU              | 12th gen Intel Core i5 – 1240p    |
| GPU              | Intel® Iris® Xe Graphics eligible |
| Memory           | 16GB DDR4 (8GB ×2)                |
| Storage          | 256GB SSD (M.2)                   |
| Operating System | Windows 11 IOT                    |
| TPM 2.0          | Yes                               |

|                |                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------|
| Input & Output | USB-A (3.0) ×3                                                                                      |
|                | HDMI In (2.0) ×1 (For content share in Teams rooms mode, up to 4K resolution on local room display) |
|                | HDMI Out × 2 (Without actual function currently, hardware reserved for possible future use)         |
|                | RJ45 × 1 (Ethernet)                                                                                 |
|                | RJ45 × 1 (For optional touch console - TCP33T )                                                     |
| Wi-Fi          | Wi-Fi 6                                                                                             |
| Bluetooth      | Bluetooth 5.1                                                                                       |

## Accessory (Included in the Package)

|                            |     |
|----------------------------|-----|
| Wireless Module            | AP  |
| HDMI Cable (3 m / 9.8 ft ) | × 1 |
| Power Cord                 | × 1 |
| Passive Stylus             | × 2 |
| Wall Mounts Kits           | × 1 |

## Physical Specification

|                                     |                                               |
|-------------------------------------|-----------------------------------------------|
| Dimension (W × H × D)               | 1957 × 1180.1 × 103 mm / 77 × 46.5 × 4.1 inch |
| Shipping Dimension (W × H × D)      | 2110 × 1283 × 225 mm / 83.1 × 50.5 × 8.9 inch |
| Thickness of machine and wall mount | 130 mm / 5.12 inch                            |
| Wall-hanging Screw Spec             | M8 × 25 mm                                    |
| VESA                                | 800 × 600 mm / 31.5 × 23.6 inch               |
| Net Weight                          | 58 kg / 127.9 lbs                             |
| Gross Weight                        | 78.5 kg / 173.1 lbs                           |

## Environmental Condition

|                       |                   |
|-----------------------|-------------------|
| Operating Temperature | 0°C~40°C          |
| Storage Temperature   | -20°C~60°C        |
| Operating Humidity    | 10%~90% RH        |
| Storage Humidity      | 10%~90% RH        |
| Altitude              | Below 5000 meters |

## Certification

|        |             |
|--------|-------------|
| Safety | IEC 62368-1 |
| EMC    | Class B     |

## Warranty

3-Year warranty

## Accessory (Optional)

Mobile Stand  
ST33M / ST23G



Expansion Speakerphone  
UC BM45



Wireless Share Dongle  
WT13M / WT13S



Touch Console  
TCP33T



## Statement

Please note that the size and weight may vary by configuration and manufacturing process. For accurate product specifications, please refer to the actual product. Product images are for reference only and may differ slightly from the actual product in appearance, color, size, etc. The description, illustrations, etc. in this document may be subject to change in accordance with the latest product specification and performance. Should any changes be necessary, the document may be updated without written notice.

# MAXHUB

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