

# MAXHUB XBar W70 Kit Datasheet

## For Microsoft Teams Rooms

MAXHUB XBar W70 delivers the unmatched video and audio experience customers have come to expect. In addition, new capabilities enable even smarter meetings, smarter presentation capabilities, and smarter room and device integrations—further removing the barriers to usage and deployment of video in medium to large-sized rooms.

The W70 is a quad-camera bar with integrated speakers and microphones. It offers sophisticated camera and audio technologies that bring AI director capabilities to medium to large-sized rooms.



### 200MP Camera System

Ultra-high-resolution camera system redefines image clarity and spatial adaptability



### Quad Sight Lens

Ultra-wide 125° HFOV  
Dual telephoto lens for close-up tracking



### AI-Powered Technology

Auto Framing  
Speaker Tracking  
Smart Gathering  
Intelligent Focus



### AI Noise Reduction

Noise Reduction  
Echo Cancellation  
Anti-Reverberation  
AGC Algorithm



### Extended Capability

Can connect to both third-party device and exclusive MAXHUB device



### Studio-Grade Dual Speakers

Dual 20W  
Stereo Sound  
Full Frequency  
Quad Passive Radiator



### BYOD Mode

Connect to your PC with a single USB cable for BYOD meeting



### Cloud Device Management

Remotely monitor device status through cloud-based service (MAXHUB Pivot) via an internet connection

## Package Contents

XBar W70 (With Standard Accessories)	× 1
TCP31T Touch Console (With Standard Accessories)	× 1

## Optional Accessories

### Physical Specification

Package Dimension (L×W×H)	985 × 290 × 275 mm / 38.8 × 11.4 × 10.8 in
Gross Weight	14 kg / 30.86 lb

### Content Sharing

Teams (In Meeting)	1080p@30
Local Sharing (Type-C)	1080p@30
Local Sharing (HDMI)	4K@30

### Device Management

Control and Management	MAXHUB Pivot
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### Environmental Condition

Operating Temperature	0°C ~ 40°C / 0°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 m

## XBar W70:

### Camera

Camera Quantity	4
Pixel	50MP × 4
Sensor	1/1.55 inch
Aperture	F/2.4

### Resolution & Frame Rate:

H.264 / MJPEG	3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720, 1024 × 576, 960 × 540, 800 × 600, 640 × 360.
YUY2	1920 × 1080, 1280 × 720, 640 × 360
ZOOM	8x hybrid Zoom
Wide Camera	130° (D), 125° (H), 50° (V)
Telephoto Camera	52° (D), 42° (H), 32° (V)
Privacy Shutter	Electrical and automatical lens shutter

AI Feature	Auto Framing Speaker Tracking Intelligent Focus Smart Gathering Video Fence
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### Audio

#### Speaker:

Speaker Quantity	2
Sound Channel	2.0
Total Power (Max.)	20W + 20W
Sound Pressure (Max.)	88dB (+/-2dB) SPL@1W/ 1/2meter
Frequency Range	80 Hz ~ 20 KHz

#### Microphone:

Microphone Quantity	16-mic array
Pickup Range	10 m
Frequency Range	20 Hz ~ 16 KHz
Sensitivity	-36 ± 1 dBFS
Sampling	48 KHz
Expansion	Supports 2 expansion microphones (Future)

AI Feature	Noise Reduction Echo Cancellation Anti-Reverberation AGC Algorithm Full-Duplex Audio Fence
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### General Information

CPU	Intel® Core™ i5-1240P Processor
Memory	16 GB
Storage	256 GB
Graphic	Intel® UHD Graphics for 12 <sup>th</sup> Gen Intel® Processors

### Operating System

Operating System	Windows 11 IoT Enterprise SAC
Application	Microsoft Teams Room

### Network

Wi-Fi	Wi-Fi 6, 2×2 MIMO
Wi-Fi Protocol	802.11 a/ b/ g/ n/ ac/ ax
Working Band	2.4 GHz + 5 GHz
Working Mode	STA
Bluetooth	5.2 + BLE
Network	1000 Mbps

### Power

Power Adapter	AC 100-240 V Input and DC 19V/10A Output
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### Input/Output Port

USB 3.0 Type-A × 1	To connect third-party device for audio input
USB 2.0 Type-A × 1	For firmware update and debug
HDMI Out × 3	Up to 4K@60Hz, CEC supported
HDMI In × 1	Up to 4K@60Hz
RJ45 (Internet) × 1	For internet connection
RJ45 (M Link) × 1	For BYOD wired connection
RJ45 (Console) × 1	To connect console
RJ45 (Ext) × 1	To connect expansion device (microphone, camera, etc.)
DC In × 1	For 19V power input power supply

### Physical Specification

Product Dimension (L×W×H)	840.6 × 117.6 × 104 mm / 33.1 × 4.6 × 4.1 in
Net Weight	5.0 kg / 11.0 lb

### Standard Accessories

Power Adapter	× 1
AC Cable (1.5 m / 4.9 ft)	× 1
HDMI Cable (3 m / 9.8 ft)	× 2
Ethernet Cable (3 m / 9.8 ft)	× 1
Mounted Components (ADA Compliant)	× 1

**Touch Console TCP31T:**

**Display**

Size	11.6 inch
Resolution	1920 x 1080
Frequency Refresh Rate	60 Hz
Backlight Unit	ELED
Brightness With Glass	250 nits (Min.) 300 nits (Max.)
Life Time	≥ 20000 hours

**Input/Output Port**

RJ45 (To Bar)	× 1
USB-A 2.0 (For USB Audio accessories)	× 1
Type-C (Ingest)	× 1
RJ45 (M Link)	× 1
USB 2.0 (Pairing wireless dongle)	× 1

**Touch System**

Type	Capacitive touch
Surface Treatment	Anti-fingerprint, Anti-glare

**Standard Accessories**

USB-C Cable (1.8 m / 5.9 ft)	× 1
Ethernet Cable (7.5 m / 24.6 ft)	× 1
Screwdriver	× 1

**Optional Accessories**

Wall-Mounted Kit (TCP30WM Bracket)	× 1
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**Physical Specification**

Product Dimension (L×W×H)	278 × 164 × 82.4 mm / 11 × 6.4 × 3.2 inch
Product Weight	1.16 kg / 2.56 lb

**Sensor**

Motion Sensor	PIR sensor for automatic wake-up
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**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.