

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		Device Management	
Package Dimension (L×W×H)	985 × 290× 275 mm / 38.8 × 11.4 × 10.8 in	Control and Management	MAXHUB Pivot
Gross Weight	14 kg / 30.86 lb		
Content Sharing		Environmental Condition	
Teams (In Meeting)	1080p@30	Operating Temperature	0°C ~ 40°C / 0°F ~ 104°C
Local Sharing (Type-C)	1080p@30	Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Local Sharing (HDMI)	4K@30	Operating Humidity	10% ~ 90% RH
		Storage Humidity	10%~ 90% RH
		Altitude	Below 5000 m

XBar W70:

Camera		Audio	
Camera Quantity	4	Speaker:	
Pixel	50MP × 4	Speaker Quantity	2
Sensor	1/1.55 inch	Sound Channel	2.0
Aperture	F/2.4	Total Power (Max.)	20W + 20W
Resolution & Frame Rate:		Sound Pressure (Max.)	88dB (+/-2dB) SPL@1W/ 1/2meter
H.264 / MJPEG	3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720, 1024 × 576, 960 × 540, 800 × 600, 640 × 360.	Frequency Range	80 Hz ~ 20 KHz
YUY2	1920 × 1080, 1280 × 720, 640 × 360	Microphone:	
ZOOM	8x hybrid Zoom	Microphone Quantity	16-mic array
Wide Camera	130° (D), 125° (H), 50° (V)	Pickup Range	10 m
Telephoto Camera	52° (D), 42° (H), 32° (V)	Frequency Range	20 Hz ~ 16 KHz
Privacy Shutter	Electrical and automatical lens shutter	Sensitivity	-36 ± 1 dBFS
AI Feature	Auto Framing Speaker Tracking Intelligent Focus Smart Gathering Video Fence	Sampling	48 KHz
		Expansion	Supports 2 expansion microphones (Future)
		AI Feature	Noise Reduction Echo Cancellation Anti-Reverberation AGC Algorithm Full-Duplex Audio Fence

General Information		Input/Output Port	
CPU	Intel® Core™ i5-1240P Processor	USB 3.0 Type-A × 1	To connect third-party device for audio input
Memory	16 GB	USB 2.0 Type-A × 1	For firmware update and debug
Storage	256 GB	HDMI Out × 3	Up to 4K@60Hz, CEC supported
Graphic	Intel® UHD Graphics for 12 th Gen Intel® Processors	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

Operating System		Physical Specification	
Operating System	Windows 11 IoT Enterprise SAC	Product Dimension (L×W×H)	840.6 × 117.6 × 104 mm / 33.1 × 4.6 × 4.1 in
Application	Microsoft Teams Room	Net Weight	5.0 kg / 11.0 lb
Network		Standard Accessories	
Wi-Fi	Wi-Fi 6, 2×2 MIMO	Power Adapter	× 1
Wi-Fi Protocol	802.11 a/ b/ g/ n/ ac/ ax	AC Cable (1.5 m / 4.9 ft)	× 1
Working Band	2.4 GHz + 5 GHz	HDMI Cable (3 m / 9.8 ft)	× 2
Working Mode	STA	Ethernet Cable (3 m / 9.8 ft)	× 1
Bluetooth	5.2 + BLE	Mounted Components (ADA Compliant)	× 1
Network	1000 Mbps		

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

Display

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

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

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

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

Wall-Mounted Kit (TCP30WM
Bracket) x 1

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

Motion Sensor	PIR sensor for automatic wake-up
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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.

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