MAXHUB XBar V70 Kit Datasheet

For Microsoft Teams Rooms

The MAXHUB XBar V70 is an all-in-one Android-based videobar designed for premium medium to large meeting rooms. Equipped with a 200MP quad-camera system and studio-grade dual speakers, it delivers exceptional audiovisual performance. Enhanced by AI noise reduction, the built-in 16-microphone array ensures crystal-clear audio experience. It can eliminate background interference like keyboard clicks or air conditioning.

Featuring a dedicated AI chipset, the XBar V70 supports advanced functionalities including Auto Framing, Speaker Tracking, Intelligent Focus and Smart Gathering. Its plug-and-play deployment simplifies installation and remote maintenance, while design for Microsoft Device Ecosystem Platform (MDEP) ensures seamless integration.

Built on Microsoft Device Ecosystem Platform



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

XBar V70 Kit

Package Contents

XBar V70 (With Accessories)	× 1
Panel AP30 (With Accessories)	× 1

Physical Specification

Package Dimension (L×W×H)	985 × 290× 275 mm / 38.8 × 11.4 × 10.8 in
Gross Weight	11.7 kg / 25.79 lb

Content Sharing

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

Device Management

Control and Management	Microsoft Device Management Platform (Microsoft Teams Admin Center/Intune/ Pro management portal) MAXHUB Pivot

Environmental Condition

Operating Temperature	0°C ~ 40°C / 0°F ~ 104°C
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 V70:

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	Electric and automatical lens shutter
AI Feature	Auto Framing Speaker Tracking Intelligent Focus Smart Gathering Video Fence

Operating System

MDEP	Supported
OS	Andriod 13

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
Bluetooth	5.2 + BLE
Network	1000 Mbps

Power

Power Adapter	AC 100-240 V Input and DC 19V/4.5A Output

Physical Specification

Product Dimension (L×W×H)	840.6 × 117.6 × 104 mm / 33.1 × 4.6 × 4.1 in
Package Dimension (L×W×H)	962 × 169 × 246 mm / 37.9 × 6.7 × 9.7 in
Net Weight	4.3 kg / 9.7 lb
Gross Weight	7.0 kg / 15.4 lb

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
AI Feature	Noise Reduction Echo Cancellation Anti-Reverberation AGC Algorithm Full-Duplex

Input/Output Port

USB-A (2.0) × 1	For firmware update and debug.
HDMI In × 1	Up to 4K@60Hz
HDMI Out × 2	Up to 4K@60Hz, CEC supported
USB-B 3.0 (Device) × 1	For BYOD Mode
DC In × 1	For 19V power supply.
Audio In × 1	To connect third-party device for audio input.
RJ45 (Internet) × 1	For network connection.
RJ45 (M Link) × 1	To connect to the panel.
RJ45 (Ext) × 1	To connect MAXHUB exclusive accessories (microphone, camera, etc.)
USB-A (3.0) × 1	For firmware update and debug.
Audio Out × 1	To connect third-party device for audio output.

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	× 1

Panel AP30:

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

Input/Output Port	
RJ45 (Internet)	× 1
RJ45 (Ext)	× 1
DC In (Power)	× 1
Type-C (Ingest)	× 1
USB 2.0 (Pairing Wireless Dongle)	× 1

Power	
Power Input	19V DC 4.5A
Power Output	Type-C PD 65W (Max.)

Operating System	
MDEP	Supported
OS	Andriod 13

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

Standard Accessories	
Type-C Cable (1.5 m / 4.92 ft)	× 1
Ethernet Cable (7.5 m / 24.61 ft)	× 1
Screwdriver	× 1
Power Adapter	× 1
AC Cable (1.5 m / 4.9 ft)	× 1

Sensor	
Motion Sensor	PIR sensor for automatic wake-up

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
Package Dimension (L×W×H)	1 pcs: 570 × 246 × 101 mm 4 pcs: 590 × 440 × 280 mm
Package Weight	1 pcs: 3.12 kg

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.