

MimioPro Series 4, 86"

Brilliant learning and collaboration brought to life with the 86" MimioPro interactive, LCD Android display. Feature-rich and robust, an out-of-the-box solution for modern classrooms.



Features

- Supports up to 40 single-point users or 10 dual-touch and gestures with 360° Touch capabilities that help drive collaborative learning
- Built-in, high-power Android 11+ OS creates a smooth and responsive touch experience* that feels like you're writing directly on a whiteboard
- Choose from a wide selection of classroom apps that make daily tasks easier
- Engage students with 100s of educational learning apps using CleverStore
- 4K video resolution (3,840 x 2,160)
- LED backlighting for energy efficiency
- Includes MimioStudio™ classroom software with three-device MimioMobile™ collaboration app license, LYNX Whiteboard app, and MimioConnect® Blended Learning Platform
- Send alerts, presentations, and communications across all panels using CleverLive
- Packaged with wall mount and Wifi module

Options

- Internal Windows 10+ compatible OPS PC (available with Intel i5 or i7)
Windows 10 license not included
- Electric Mobile Stands

Specifications

Dimensions and Weight	
Overall Dimensions (W x H x D)	1,957.2 mm x 1,160 mm x 86 mm (77.1 in. x 45.7 in. x 3.4 in.)
Net Weight	64.65 kg (142.6 lb)
Packaged Dimensions (W x H x D)	2110 mm x 1283 mm x 225 mm (83.1 in. x 50.5 in. x 8.9 in.)
Gross Weight	95.6 kg (210.8lb)
Effective Screen Size (W x H)	1,895 mm x 1,065 mm (74.6 in. x 41.9 in.)
Active Screen Size (Diagonal)	86 in.
Image	
Display Format Native Resolution	3,840 x 2,160
Aspect Ratio	16:9
Picture Response Time (Gray to Gray)	8 ms
Refresh Frequency	60 Hz
Pixel Pitch	0.43 x 0.43 mm
Panel Resolution	3,840 x 2,160

Display Colors	1.07 B (10-bit)
Brightness (Typical)	350 cd/m ²
Contrast Ratio	1200:1
Viewing Angle	178°(H/V)
Backlight Life	≥50000 Hours
Touch Tracking	
Tracking Technology	Touch 360° infrared
Touch Points Operating Systems	40-touch: Windows 7+ and MacOS Single touch: Linux, Chrome
Touch Tool	Stylus, finger (even if gloved), or solid object
Two-Pen-Two-Color	Supported, application dependent
Tracking Accuracy	± 1.5 mm
Writing Height	≤ 3 mm
Minimum Object Size	3 mm
Tracking Read Speed	>125 frames/s
Tracking Response	≤10 ms
Tracking Points	32,767 x 32,767
Driver Required	No
Safety	
Anti-Glare Glass	Yes
Protective Glass	3 mm tempered glass Level 7 Mohs

Connections	
Input/Output	<p>Input:</p> <ul style="list-style-type: none"> - HDMI 2.0 x 3 (1 front) - VGA x 1 - PC analog audio 3.5 mm x 1 - USB C x 1 (front) - LAN x 1 (RJ45) <p>Output:</p> <ul style="list-style-type: none"> - HDMI x 1 (4K2K) - Analog 3.5 mm x 1 - SPDIF digital audio output coax x 1 - LAN x 1 (RJ45) <p>USB:</p> <ul style="list-style-type: none"> - USB 2.0 x 1 - USB 3.0 x 3 (2 side, 2 front) - USB 2.0 Type-B for touch control x 2 (1 front)
Network Controllable	Boxlight NDMS compatible
Audio	
Output	16 W x 2 (Front Facing)
Sound System	Stereo
Equalizer	Yes
Sound Status Memory	Yes
Balance	Yes
Microphone	
Array Mic	6 Mic
Voice Pickup Distance	8m
Sampling Frequency	48kHz

Signal Processing Frequency	16kHz
Pickup Pattern	Beam Forming
Environmental	
Storage Temperature	-20° to 60° C (-4° to 140° F)
Storage Humidity	10% to 90%
Operating Temperature	0° to 40° C (32° to 104° F)
Operating Humidity	10% to 90%
Power Requirement	100–240 VAC 60/50 Hz
Power Consumption	TBD
Mount	
Mounting Screw Size	M8 x 25 mm
VESA Form Factor	800 x 600 mm
Accessories	
HDMI Cable	1 x 5 m
AC Power Cable	1 x 3 m
USB Cable	1 x 5 m
Passive Stylus	2 x magnetic
Remote Control	1 (with batteries)
Android	
Version	Android 11.0
CPU	A55 x 4

GPU	Mali G52MP2
RAM	8 GB
ROM	64 GB
App Store	Yes, CleverStore
Options	
Mobile Stands	LED-WALL, IFPD-MOB, and MOBILE200-3
Internal OPS Module	Optional

What's in the box:

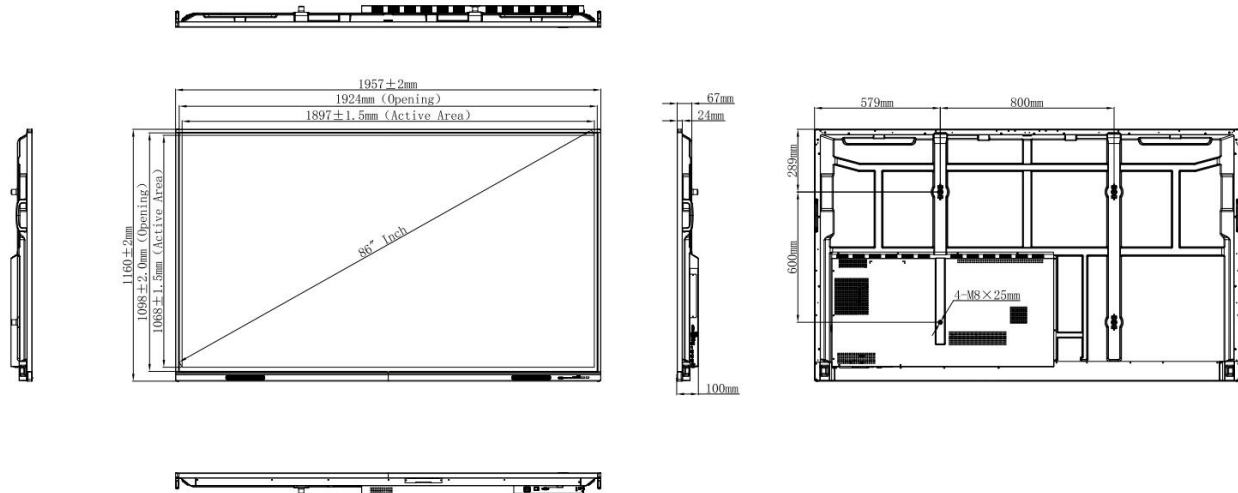
Hardware

- Magnetic stylus x 2
- Remote control with batteries

Cables

- HDMI cable (3 m)
- USB A-to-B for touch (5 m)
- US power cord (3 m)

Drawings



Please note: MimioPro Series 4 flat panels can only be used horizontally in a tabletop for 90 minutes before needing to be returned to a vertical position. They must remain in a vertical position for a minimum of 30 minutes before they can put into a tilted configuration again.

Specifications are subject to change without notice.

* Multi-touch available on Windows systems. Mac and Linux are single touch.