

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 20 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:

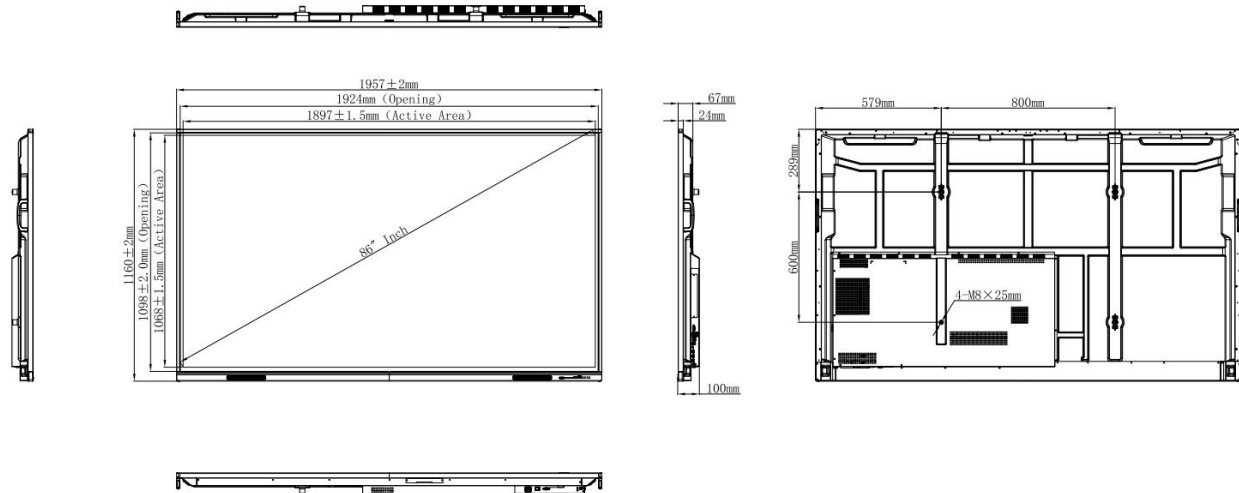
Hardware

- 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.