

# Smart Interactive Display

**Model: MI860H66**



## Key Features

- Ultra-narrow bezel design, built-in camera & microphone module integration bezel design, minimalist appearance.
- Zero gap Bonding technology, low parallax writing and wider viewing angles.
- 4mm anti-glare toughened glass with high haze OC for clearer display against ambient light interference.
- 4K Ultra HD display, support full channel 4K UI display.
- Support for Wireless projection.
- Supports dual pens and dual color displays for easy multi-person collaboration.
- Wi-Fi5 support, dual-band 2.4G/5G, AP+STA operating mode.
- Built-in 6-array microphone and 48 MP camera.
- One network support, Android and OPS both on Gigabit network.
- Support network sharing.
- High level welcome application, enriching the live interactive experience with great fun.
- Seven industry themed launcher to meet the needs of multiple scenarios.
- Split screen, parallel tasks and wider scenes.
- New hover ball mode for quick customization of features.
- Eye protection, lock screen, touch lock and other tools.

► 86" 4K Panel – 3840×2160 resolution, >400 nits brightness, 5000:1 contrast ratio, 1.07 billion colors (10-bit + FRC) with Direct LED backlight for vibrant, uniform display

► Powerful Octa-Core Performance – Android 14 OS with Quad-core Cortex-A73 + Quad-core A53 @ 2.21GHz, 8GB RAM + 128GB ROM, ARM Mali-G52MP8GPU for smooth multitasking

► Advanced 40-Point (Max) Infrared Touch – Non-contact IR technology with <5ms response time, ±1mm accuracy, supports dual-pen writing and multi-OS compatibility (Windows/Android/Linux/iOS/Chrome)

► Comprehensive Connectivity – 2× HDMI 2.0 inputs + 1× output (4K@60Hz), 2× Type-C, WiFi 6 + Bluetooth 5.2, 1× RJ45 Ethernet, multiple USB 3.0/2.0 ports for seamless integration

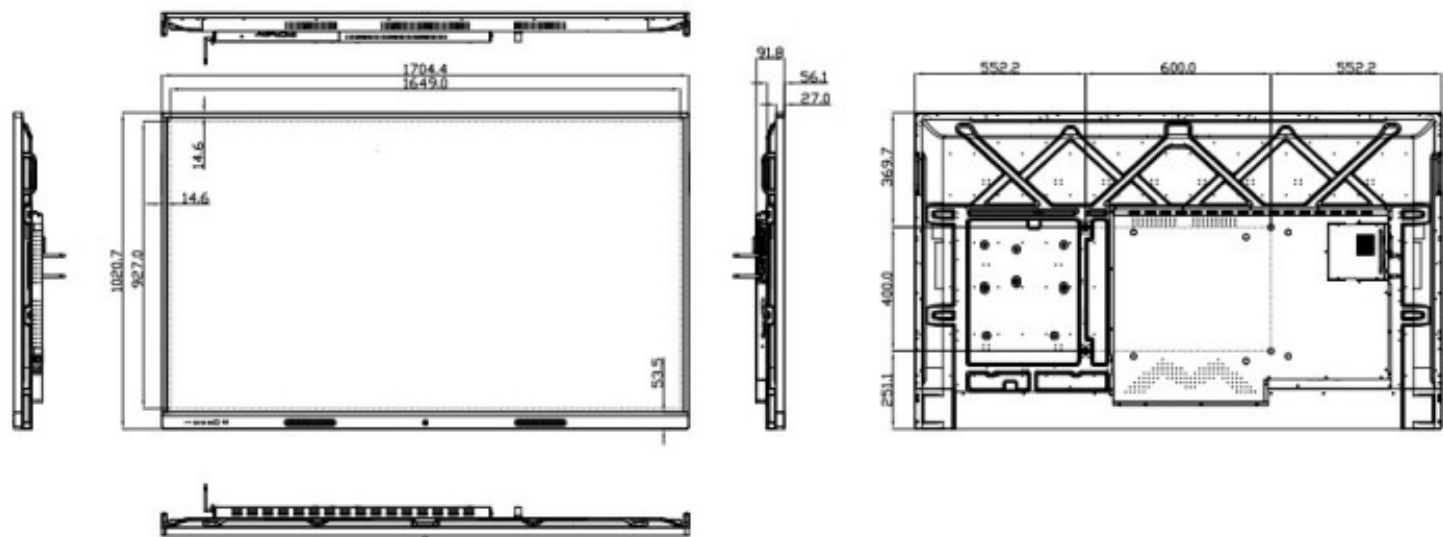
## Specifications

| Type                    | Parameter                     | Specification                                             |
|-------------------------|-------------------------------|-----------------------------------------------------------|
| <b>General Features</b> |                               |                                                           |
| <b>Panel</b>            | Screen Size                   | 86 Inch                                                   |
|                         | Panel Brand / Model           | BOE                                                       |
|                         | Resolution / Aspect Ratio     | 3840×2160/16:9                                            |
|                         | Active Area                   | 1428.48×803.52(mm)                                        |
|                         | Backlight Type                | Direct LED(DLED)                                          |
|                         | Brightness                    | 400nit                                                    |
|                         | Contrast Ratio                | 5000:1 (Typical)                                          |
|                         | Pixel Pitch                   | 0.372(mm) (H) x 0.372(mm) (V)                             |
|                         | Response Time                 | <5 GTG(ms)                                                |
|                         | Viewing Angle                 | H-178, V-178                                              |
|                         | Chromaticity Coordinate       | X:0.283 +0.03 Y: 0.297±0.03                               |
|                         | Display Colors                | 10bits + FRC, 1.07G colors                                |
|                         | Panel Frame Rate              | 60Hz                                                      |
|                         | Color Gamut                   | 72% ( NTSC )                                              |
|                         | Brightness Uniformity         | Nine-grid 70% or more                                     |
|                         | Tempered Glass                | Tempered Glass, Anti-Glare                                |
|                         | Life Time                     | 50,000Hrs                                                 |
| <b>Built-In System</b>  | <b>HARDWARE CONFIGURATION</b> |                                                           |
|                         | PCBA model                    | RP311D2                                                   |
|                         | Chipset                       | Quad core ARM Cortex-A73 + Quad core Cortex- A53, 2.28GHZ |
|                         | GPU                           | Mali-G52MP8                                               |
|                         | NPU                           | 3.2 TOPS                                                  |
|                         | RAM                           | 8GB                                                       |
|                         | ROM                           | 128GB                                                     |
|                         | USB disk                      | By USB Disk (Photo/Music / Movie PLAY)                    |
|                         | Video Format                  | MPEG-2/4,AVS,H.264,H.265,TS,Realmedia...                  |
|                         | Audio Format                  | MPEG1/2 layer I/II,AAC-Lc,WMA...                          |
|                         | Android Version               | Android 14                                                |
|                         | OSD/UI Languages              | English,Arabic, Russian, Nepali ,Chinese.....             |

|                       |                             |                                                                       |
|-----------------------|-----------------------------|-----------------------------------------------------------------------|
|                       | <b>Port Layout</b>          |                                                                       |
|                       | HDMI Input                  | 2×HDMI 2.0 (4K60) Input                                               |
|                       | HDMI Output                 | 1×HDMI 2.0 (4K60) Out                                                 |
|                       | SPDIF                       | 1×rear (optical socket)                                               |
|                       | TYPE C ×2                   | ×2                                                                    |
|                       | RS232                       | 1                                                                     |
|                       | USB ×4                      | 1 ×USB2.0 (rear) + 2×USB3.0 (front) +1 ×USB3.0 (rear)                 |
|                       | Touch-USB ×2                | 1× (front) +1×(rear)                                                  |
|                       | Audio ouput(Earphone)       | 1×rear (LINE OUT)                                                     |
|                       | MIC IN                      | 1×rear                                                                |
|                       | Ethernet Input (RJ45 Input) | 1× (1 Gigabit 10/100/1000Mbps)                                        |
|                       | Wifi(IEEE802.11ax)          | WiFi6 (2×2.4G built-in module, 2×5G built-in module, 1×Bluetooth 5.1) |
|                       | SPDIF (OPTICAL OUT)         | 1                                                                     |
|                       | TF Card                     | 1                                                                     |
|                       | Power Input                 | AC 186 - 264V 50Hz                                                    |
| Camera                | 90° Wide Angle, Auto Focus  | 48MP Sony IMX598 Sensor                                               |
| Power                 | Operation Consumption       | <180 W                                                                |
|                       | Standby Consumption         | <0.5 W                                                                |
|                       | LED Indicator Light Mode    | Power on : Blue /Power off : Red                                      |
|                       | Main Power Switch           | YES                                                                   |
| <b>Other Features</b> |                             |                                                                       |
| Touch                 | Touch Technology            | Non-contact infrared sensor technology                                |
|                       | Numbers of Touch            | Support Android-20, window-40 touch points                            |
|                       | Touch Active Area(mm)       | 0.2mm                                                                 |
|                       | Interpolation resolution    | 32767 (W)×32767 (D)                                                   |
|                       | Touch Accuracy(mm)          | ±1mm(over 90% Area)                                                   |
|                       | Input Method                | Opaque body (e.g. finger, pen, etc.)                                  |
|                       | Connector Type              | USB3.0/UART                                                           |
|                       | Supply Voltage              | 5V(USB)                                                               |
|                       | Glass Thickness(mm)         | T4                                                                    |
|                       | Support System              | Windows XP/7/8/8.1/10(32bit/64bit)、Android、Linux、IOS、Chrome           |
|                       | Response speed              | <5ms                                                                  |
|                       | Anti-glare Toughened Glass  | 3.2mm Antiglare                                                       |

|                            |                                |                                                                                                                                                                                                           |
|----------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | <b>Touch Durability</b>        | Unlimited time                                                                                                                                                                                            |
| <b>Speaker</b>             | <b>Key Function</b>            | Eight key control ECO/POWER                                                                                                                                                                               |
|                            | <b>Speaker</b>                 | 2×15W                                                                                                                                                                                                     |
| <b>Assistant PCBA</b>      | <b>Tilt Angle</b>              | 0 degree                                                                                                                                                                                                  |
|                            | <b>Swivel Angle</b>            | 0 degree                                                                                                                                                                                                  |
| <b>Whiteboard Features</b> |                                | Whiteboard Features: Multi-touch interactive whiteboard (up to 20 points), handwriting-to-text, AI shape recognition, math/science tools, sticky notes, text editing, YouTube & Google-integrated browser |
| <b>Supported Functions</b> |                                | Network sharing, Wi-Fi, Bluetooth, Wireless Screen Sharing; split screen parallel tasks and wide-screen display; eye protection, screen lock, touch lock and other tools                                  |
| <b>ID Features</b>         | <b>Wall Mounting Hole</b>      | 400×400mm_M8                                                                                                                                                                                              |
|                            | <b>Complete Machine</b>        | 1693.7×91×1013mm                                                                                                                                                                                          |
| <b>Accessories</b>         | <b>HDMI Cable</b>              | Optional                                                                                                                                                                                                  |
|                            | <b>USB Cable</b>               | Optional                                                                                                                                                                                                  |
|                            | <b>Power Cord</b>              | 1×B/T(1.5M/3P)                                                                                                                                                                                            |
|                            | <b>Instruction Manual</b>      | languages English                                                                                                                                                                                         |
|                            | <b>Warranty Card</b>           | ×1                                                                                                                                                                                                        |
|                            | <b>Certificate of Approval</b> | ×1                                                                                                                                                                                                        |
|                            | <b>Pen</b>                     | ×2                                                                                                                                                                                                        |
|                            | <b>Wall Mounting Kit</b>       | ×1                                                                                                                                                                                                        |
|                            | <b>Mobile Stand</b>            | Optional                                                                                                                                                                                                  |
| <b>Packing</b>             | <b>Packing Size</b>            | 1826*227*1142mm                                                                                                                                                                                           |
|                            | <b>Gross / Net (Kg)</b>        | Approximate gross weight: 65Kg/Net weight: 60Kg                                                                                                                                                           |
| <b>Environment</b>         | <b>Storage Temperature</b>     | -20°C~60°C                                                                                                                                                                                                |
|                            | <b>Operation Temperature</b>   | 0°C~40°C                                                                                                                                                                                                  |
|                            | <b>Operation Humidity</b>      | 10~90%RH                                                                                                                                                                                                  |
|                            | <b>Altitude</b>                | ≤2000m                                                                                                                                                                                                    |
| <b>Certifications</b>      | <b>CE</b>                      | YES                                                                                                                                                                                                       |
|                            | <b>3C</b>                      | YES                                                                                                                                                                                                       |
|                            | <b>ISO9001</b>                 | YES                                                                                                                                                                                                       |
|                            | <b>ISO14001</b>                | YES                                                                                                                                                                                                       |
|                            | <b>FCC</b>                     | YES                                                                                                                                                                                                       |
|                            | <b>RoHS</b>                    | YES                                                                                                                                                                                                       |

Appearance & Dimensions



\*Disclaimer

- ❖ Specifications, images, and product details are for reference only; actual product appearance, dimensions, weight, and performance may vary due to manufacturing tolerances and continuous product improvements
- ❖ Technical parameters, text descriptions, and illustrations are subject to real-time adjustments to ensure accuracy and alignment with actual product specifications without prior notice
- ❖ MIVISION reserves the right to modify product configurations, features, and specifications at any time to enhance quality, performance, and compliance with market requirements
- ❖ Customers are advised to verify all specifications with the actual product or authorized dealer before purchase, installation, or project planning
- ❖ No obligation for advance notification will be provided for specification updates, revisions, or product discontinuations; please refer to official documentation for the latest information

Order Information

| Model    | Remake                    |
|----------|---------------------------|
| MI860H66 | Smart Interactive Display |