

TOUCH **TM** Series

TM86 Touch Interactive Whiteboard



Features



350nits brightness



Zero-gap bonding panel



Dual pen dual color



20 points IR Touch



UHD Resolution
3840 x 2160



Optional OPS PC module



Android OS



Wireless Mirroring



USB Type-C video input



HDMI 2.1 in

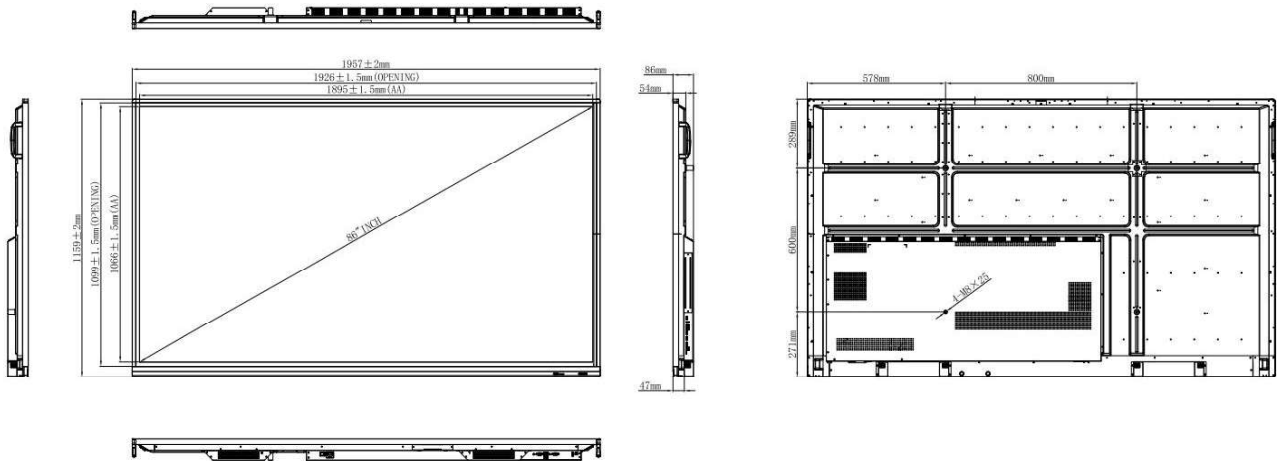


WiFi 6



Down firing speakers

Drawing



Panel

| | |
|---------------------------|-------------------------------|
| Model name | TM86 |
| Diagonal size | 86 inches |
| Orientation | Landscape (16:9) |
| Panel type | Direct-LED DID, IPS |
| Response time | 8 ms |
| Active display area (WxH) | 1895.0 x 1065.7 mm |
| Resolution (WxH) | 3840 x 2160 |
| Pixel pitch | 0.4935 x 0.4935 mm |
| Refresh rate | 60 Hz |
| Brightness (typical) | 350 cd/m ² |
| Static contrast ratio | 1200:1 |
| Display color | 1.07 billion / 8bit dithering |
| Color gamut | 72% NTSC |
| Viewing angle (H/V) | 178° / 178° |
| Operation hour | 24 x 7 |
| Mean time between failure | 50,000 hours |

Embedded Android

| | |
|----------------------------|--------------------------------|
| Processor | Quad Cortex A73 |
| Memory | 4 GB DDR4 |
| Storage | 32 GB ROM |
| GPU | MaliG52 MC2 |
| Video decoder | 4K VP9 and 4K 10bits H265/H264 |
| Operation system | Android 9.0 |
| Standalone playback | Media player |
| Device management solution | Anshi InfiniSIGN Lite |

Connectivity

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|--------------------------------------|----------------------------------|
| HDMI input | 3 (HDMI 2.1 ARC x1, HDMI 2.0 x2) |
| Display Port | NA |
| VGA with 3.5mm audio in | 1 |
| USB Type-C (Video, audio, touch, PD) | 1 (Side x1) |
| USB 2.0 | 1 (Bottom x1) |
| USB 3.0 | 4 (Front x2, side x2) |
| Ethernet RJ45 in | 1 |
| Ethernet RJ45 out | 1 |
| USB 3.0 touch out | 2 |
| HDMI output | 1 (Via PC module) |
| Digital audio out | 1 (SPDIF) |
| RS-232C console | 1 |

Network

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|---------------|----------------------|
| Bluetooth | Bluetooth 5.0 |
| Ethernet | 10 / 100 / 1000 Mbps |
| Wireless | WiFi 6 (2.4 + 5GHz) |
| WiFi security | WEP, WPA, WPA2 |
| Wake-on-LAN | Supported |

Touch

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|----------------------------|---------------------------------|
| Sensor type | Advanced IR multi touch |
| Touch points | 20 |
| Touch touch | Fingers, passive touch pens |
| Minimum object recognition | =/> 2mm |
| Touch response time | =/< 10ms |
| Recognition accuracy | +/- 1mm |
| Touch signal frequency | =/> 100Hz |
| Touch resolution | 32768 x 32768 |
| Touch out interface | USB HID |
| Support OS | Windows, MacOS, Linux, ChromeOS |
| Touch driver | Plug-and-play, driverless |
| Protection glass | Anti-glare tempered glass |
| Glass thickness | 3mm, Level7 Mohs standard |

Audio

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|------------------|--------------------|
| Internal speaker | 2 (Down firing) |
| Sound channel | 2 |
| Power output | 16 watt / 8 ohm x2 |

Mechanical

| | |
|---------------------------|---|
| Frame material | Metallic structure with aluminium frame |
| Color | Magnesium grey and matt black |
| VESA mount | 800 x 600mm, M8 |
| Unit dimension (WxHxD) | 1957.0 x 1159.0 x 86.0mm |
| Package dimension (WxHxD) | 2110.0 x 1283.0 x 225.0mm |
| Unit weight | 64.6 KG |
| Gross weight | 82.3 KG |

Power

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|------------------------------|------------------------|
| Power requirement | AC 100-240 V. 50/60 Hz |
| Power consumption (Typical) | 650 watt |
| Power consumption (Stand by) | <0.5 watt |

Environmental Condition

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|-----------------------|----------------------------|
| Operation temperature | 0°C - 40°C |
| Operation humidity | 10% - 90% RH, non-condense |
| Storage temperature | -20°C - 60°C |
| Storage humidity | 10% - 95% RH, non-condense |

Certification

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|--------|-------------------------|
| Safety | PSE, CE, RoHS, CCC, FCC |
|--------|-------------------------|