

ICE Board 86 Inch Product Specification



Product Feature

Ultra-thin and ultra-narrow appearance; front physical keys; front USB ports for PC and Android; modulation safety design

★ IR (Infrared Ray) touch technology

①Resistant to optical interference (use as usual under direct sunlight)

②Resistant to shielding

③Rapid response, fluent in writing & demonstration

★ Pass EMC test (meets the requirements of the applicable CE directives)

★ Integrated display, touch-control, dual core processor in Android and PC

①Smart operating system

②Touch menu (use touch menu to make a universal setting in any input source)

③Achieve the functions of making notes, playing courseware and video without PC

★ Detachable PC module

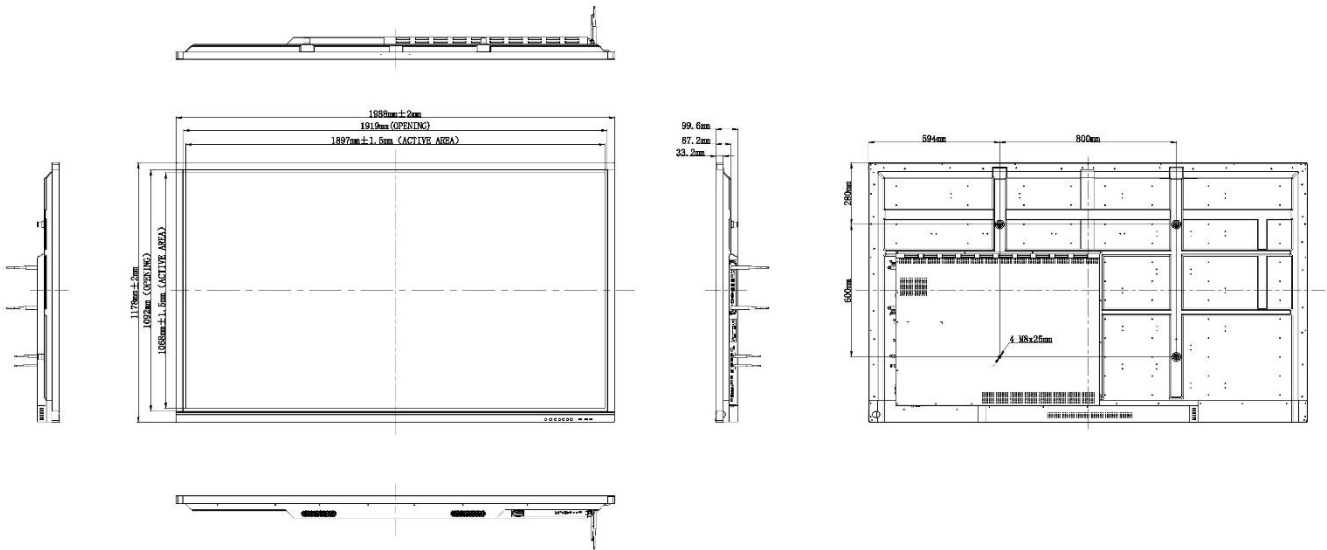
①Detachable type design (reduce running noise and facilitate maintenance)

②Built-in smart core and operating system, Android and PC function as standby for each other

★ One key to energy saving mode (energy saving and environmental protection)

★ AG tempered glass 4mm Mohs level 7

Dimension



Product Specification

Display

| | |
|-------------------------------|-------------------------|
| Size | 86 inch |
| Screen Type | LED |
| Aspect Ratio | 16:9 |
| Display Area | 1895.04(H)*1065.96(V)mm |
| Resolution | 3840(H)*2160(V) |
| Pixel Pitch | 0.4935mm*0.4935mm |
| Back Light Unit | Direct type LED |
| Response Time | 8ms(Typ) |
| Refreshing Frequency | 60Hz |
| Display Color | 1.07 Billion Colors |
| Brightness with glass (typ) | 330cd/m ² |
| Brightness with glass (min) | 300cd/m ² |
| Contrast Ratio | 1200:1 |
| Viewing Angle | 178° |
| Life Time | 30000 Hours |

Video/Audio

| | |
|--------------|------------------|
| Speaker Type | Built-in Speaker |
| Output Power | 12W*2 |

Display Connector

| | |
|---------------|------------------------------------|
| HDMI Out | 1 |
| USB 2.0 | 4 (including 2 USB ports in front) |
| USB 3.0 | 2 (including 1 USB port in front) |
| Touch Out | 2 |
| HDMI 2.0 In | 1 |
| HDMI 1.4 In | 2 |
| DP In | 1 |
| VGA In | 1 |
| Audio In | 1 |
| AV In | 1 |
| RS232 Control | 1 |
| Audio Out | 1 |
| LAN | 1 |
| COAX Out | 1 |

Touch System

| | |
|--------------------|--|
| Sensing Type | Infrared recognition |
| System | Windows10/Android |
| Touch point | 10 points writing and 20 points touch |
| Writing Response | single-touch $\geq\Phi 6\text{mm}$ and multi-touch $\geq\Phi 8\text{mm}$ |
| Touch Tool | Finger, Finger cover by glove, Opaque objects |
| Response Time | <20ms |
| Accuracy | $\pm 2\text{mm}$ (over 90% Area) |
| Communication Mode | Full-speed USB (driver free) |
| Interface | USB2.0 type B |
| Touch Drive | Free drive |
| Surface Hardness | Toughened Glass with Level 7 of Mohs Standard |

| | |
|-------------------|-------------|
| Output Coordinate | 32767*32767 |
|-------------------|-------------|

Android

| | |
|----------------|------------------------------|
| System Version | Android 5.1 |
| CPU | ARM Cortex A53 Dual Core CPU |
| GPU | Dual Core |
| RAM | 2G |
| ROM | 16G |

PC Module



| | |
|------------------|---|
| Type | Detachable PC module |
| Model | MT21 |
| CPU | Intel® Core™ i5 |
| RAM | DDR4 4G |
| SSD | 128G |
| Graphics | Integrated Intel® HD Graphics |
| Chipset | Intel H110 Express |
| Sound Card | Integrated High Definition Audio Stereo |
| Networking | 10/100/1000M |
| WIFI | 802.11ac (2.4GHz/5GHz) |
| Operation System | Windows 10 |
| USB3.0 | 6 |
| LAN(RJ45) | 1 |
| VGA Output | 1 |
| Earphone Output | 1 |

| | |
|------------------|---|
| Microphone Input | 1 |
| Display Port | 1 |
| HDMI Output | 1 |

Power

| | |
|------------------------------|-------------------|
| Power Requirements | 100-240V~ 50/60Hz |
| Standby Power | ≤0.5W |
| Overall Power(nominal power) | 500W |

Physical Specification

| | |
|-------------------------------------|------------------------|
| Key Location & Number | Front physical keys, 6 |
| Dimension L*H*D | 1988*1178*99.6mm |
| Dimension(package) L*W*H | 2211*280*1370mm |
| Net Weight | 78kg |
| Gross Weight | 105kg |
| Thickness of machine and wall mount | 145.6mm (9060A) |
| Wall-hanging Screw Spec | M8*25mm |
| VESA | 800*600mm |

Accessory (optional)

| | |
|-----------------------------|---|
| AC Power Cable | 1 |
| USB Cable | 1 |
| Writing Pen | 2 |
| Remote Control | 1 |
| Application and Driver Disk | 1 |

Environmental Condition

| | |
|-----------------------|--------------|
| Operation Temperature | 0°C - 40°C |
| Operation Humidity | 10% - 90% |
| Storage Temperature | -20°C - 60°C |
| Storage Humidity | 10% - 90% |