

ICE Board 70 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

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

② Resistant to shielding

③ Rapid 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

① Smart operating system

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

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

★ Detachable PC module

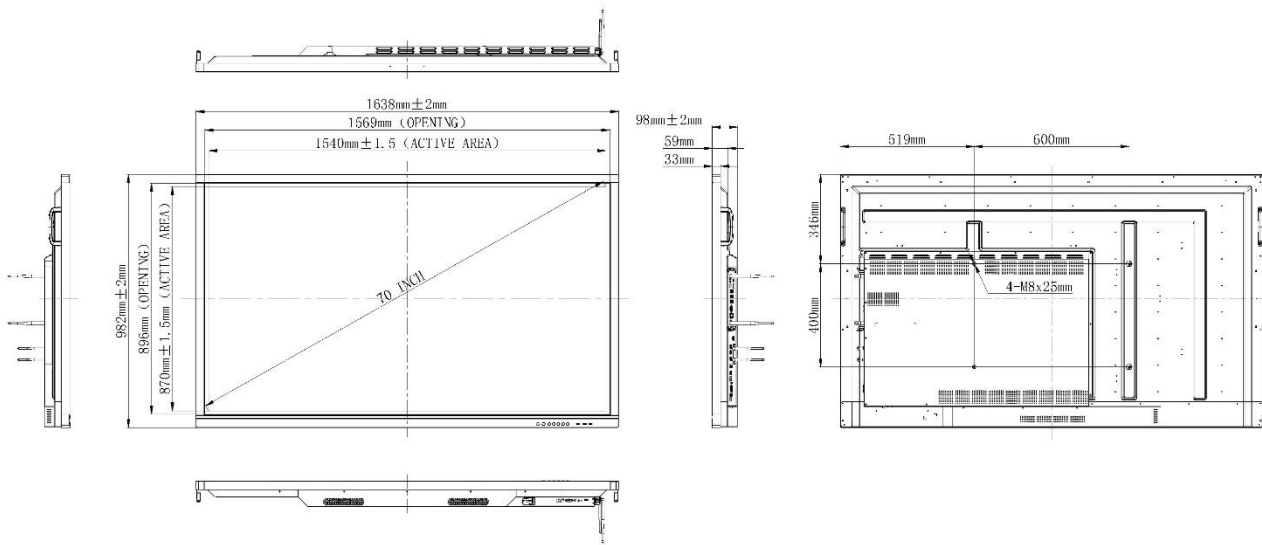
① Detachable type design (reduce running noise and facilitate maintenance)

② Built-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	70 inch
Screen Type	LED
Aspect Ratio	16:9
Display Area	1538.88mm*865.62mm
Resolution	3840(H)*2160(V)
Pixel Pitch	0.40075mm*0.40075mm
Back Light Unit	Direct type LED
Response Time	8ms
Refreshing Frequency	60Hz
Display Color	1.07B (10bit)
Brightness with glass (typ)	330cd/m ²
Brightness with glass (min)	270cd/m ²
Contrast Ratio	4000:1
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	<15ms
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
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Android

System Version	Android 5.1
CPU	ARM Cortex A53 Dual Core CPU
GPU	Quad Core Mali 450MP
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)	300W

Physical Specification

Key Location & Number	Front physical keys, 6
Dimension L*H*D	1638*982*98mm
Dimension (package) L*W*H	1803*243*1160mm
Net Weight	56kg
Gross Weight	68kg
Thickness of machine and wall mount	144mm (9060A)
Wall-hanging Screw Spec	M8*25mm
VESA	600*400mm

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%