

ICE Board 55 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

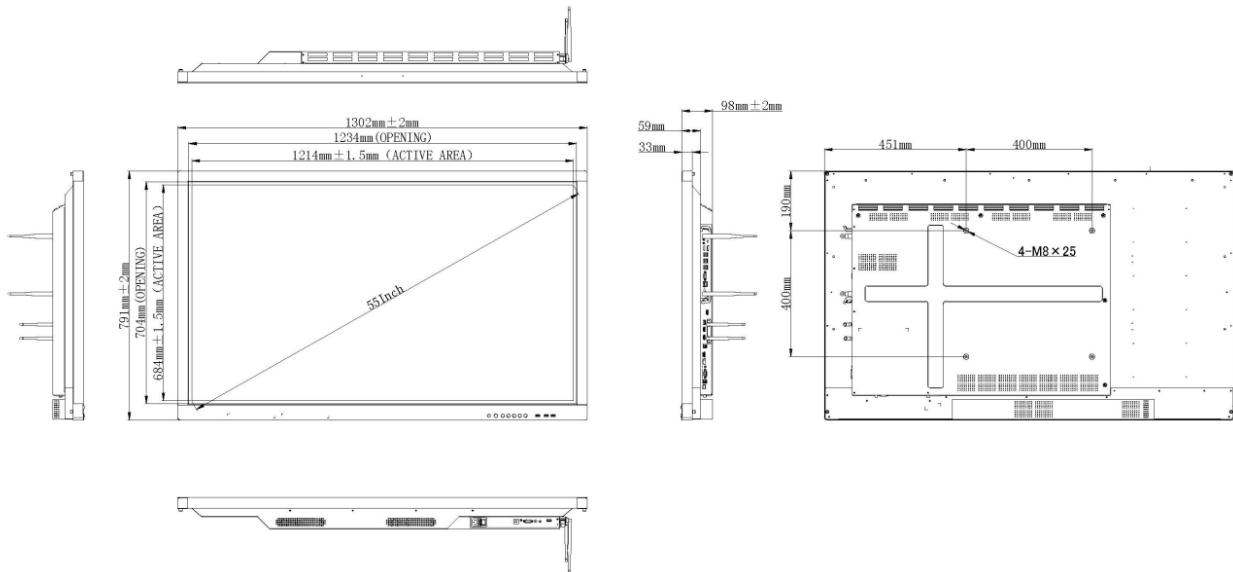
① Detachable type design (reduce running noise and facilitate maintenance)

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	55inch
Screen Type	LED
Aspect Ratio	16:9
Display Area	1209.6mm*680.4mm
Resolution	3840(H)*2160(V)
Pixel Pitch	0.315mm*0.315mm
Back Light Unit	Direct type LED
Response Time	9ms
Refreshing Frequency	60Hz
Display Color	1.07B (10bit)
Brightness with glass (typ)	350cd/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	<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	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)	250W

Physical Specification

Key Location & Number	Front physical keys, 6
Dimension L*H*D	1302*791*98mm
Dimension (package) L*W*H	1458*220*932mm
Net Weight	32kg
Gross Weight	40kg
Thickness of machine and wall mount	144mm (9060A)
Wall-hanging Screw Spec	M8*25mm
VESA	400*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%