

EduTouch 86” EC Product Specification



Product Features:

Simple and clear appearance; front physical keys; front USB ports automatically switches with the channel; 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

★ Passes EMC test (meets the requirements of the applicable RCM and CE directives)

★ Integrated display, touch-control, dual core processor

① Smart operating system

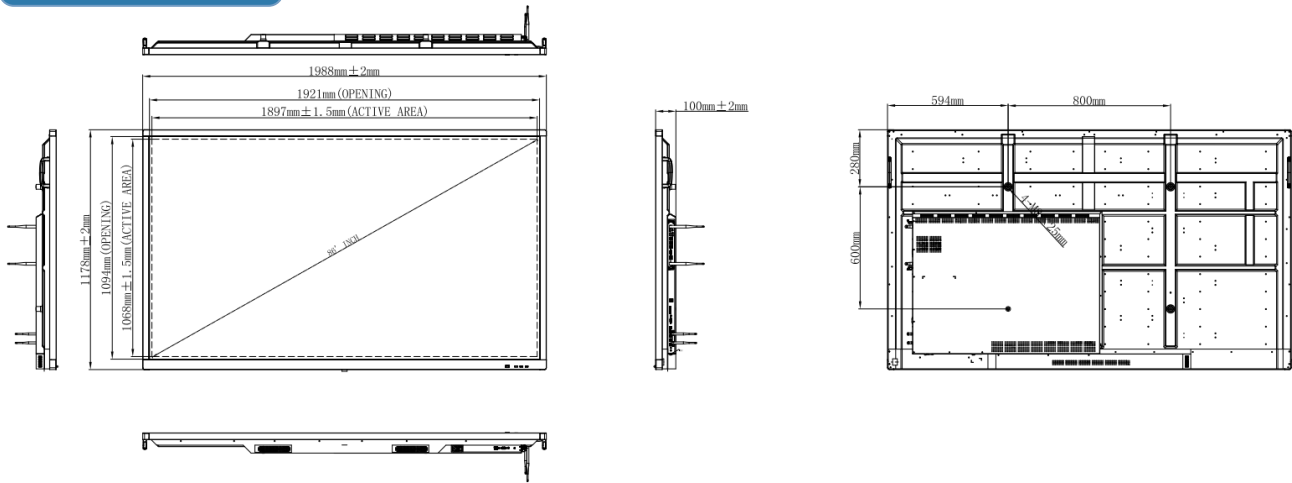
② Touch menu (use touch menu to make a universal setting in any input source)

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

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

★ AG tempered glass 4mm Mohs level 7

Dimensions:



Product Specifications:

Display

Size	86inch
Aspect Ratio	16:9
Display Area	1895.04(H)*1065.96(V)mm
Resolution	3840(H)*2160(V)
Pixel Pitch	0.4935*0.4935mm
Back Light Unit	Direct type LED
Response Time	8ms
Refreshing Frequency	60Hz
Display Color	1.07B(10bit)
Contrast Ratio (Typ)	1200:1
Viewing Angle	178° (H/V)
Brightness with glass (Typ)	350 cd/m ²
Brightness with glass (min)	300 cd/m ²
Life Time	30000 Hours

Video/Audio

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

Display Connectors

HDMI IN	2
HDMI Output	1
VGA IN	1
PC- Audio IN	1
Coaxial Output	1
Earphone Output	1
USB 2.0	4 (including 2 USB ports in front)
USB 3.0	2
USB Touch Output	1
AV IN	1
RS232	1
LAN(RJ45)	1

Touch System

Sensing Type	Infrared recognition
System	Windows10 / Windows7 / Linux / Mac / Android
Touch point	10 points writing and 20 points touch
Minimum object size	2mm
Touch Tool	Finger, Finger cover by glove, Opaque objects
Response Time	<15ms
Accuracy	±1mm (over 90% Area)
Communication Mode	Full-speed USB2.0
Interface	USB
Touch Drive	Free drive
Surface Hardness	Toughened Glass with Level 7 of Mohs Standard
Interpolation Resolution	32767(W)*32767(D)

Android System

System Version	Android 7.0
CPU	ARM Cortex A73 Dual Core CPU

GPU	Mali 450*5
RAM	2G
ROM	16G

Power

Power Requirements	100-240V~50/60Hz
Overall Power	100-240V~50/60Hz 5.0A
Standby Power	≤0.5W

PC Module



Type	Detachable PC module	
Model	MT21	
CPU	Intel® Core™ i5 / <i>i7 optional</i>	
RAM	DDR4 8G / <i>16G optional</i>	
Optional Hard Disk	HDD	<i>500G / 1T optional</i>
	M.2 SSD	256G / <i>512G optional</i>
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)	
Bluetooth	Bluetooth4.2	
Operation System	Windows 7 and above	
USB3.0	6	
LAN(RJ45)	1	
VGA Output	1	
Earphone Output	1	

Microphone Input	1
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Physical Specifications

Key Location & Number	Front physical key, 1
Dimension L*H*D	1988*1178*100mm
Dimension(package) L*W*H	2211*1370*280mm
Net Weight	75.5kg
Gross Weight	105kg
Thickness of machine and wall mount	146mm (WIB9060F)
Wall-hanging Screw Spec	M8*25mm
VESA	800*600mm

Accessories

Australian Standard Power Cord	3 meters
USB Cable	5 meters
VGA Cable	5 meters
Audio Cable	5 meters
Writing Pen	3
Remote Control	1
Battery	1
Operation Instructions	1

Environmental Conditions

Operation Temperature	0°C~40°C
Operation Humidity	10% ~90%RH
Storage Temperature	-20°C~60°C
Storage Humidity	10%~90%RH
Altitude	Below 5000 meters