

PRODUCT SPECIFICATION

98 capacitive interactive board



prepared by	audited by	approved by
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The modification process				
version	instruction	date	made	Change description
1.0	initial issue	21.07.08	Lingzhu	None
1.1	additional content	22.08.15	QT	None

<http://www.sinotectronics.com/>



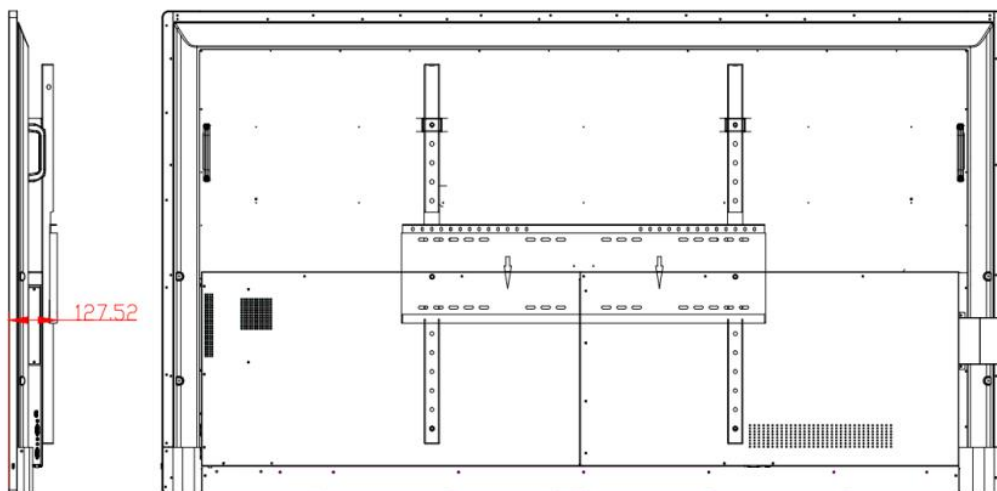
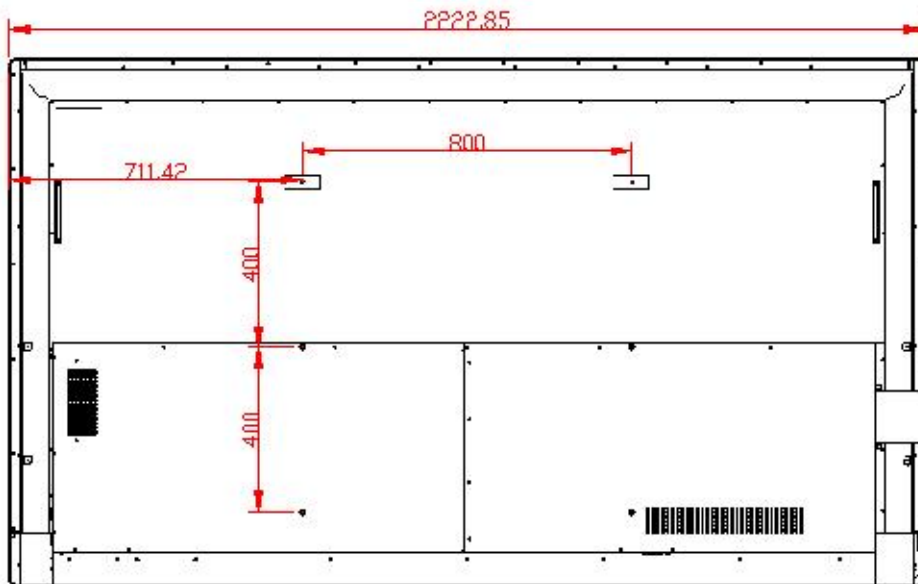
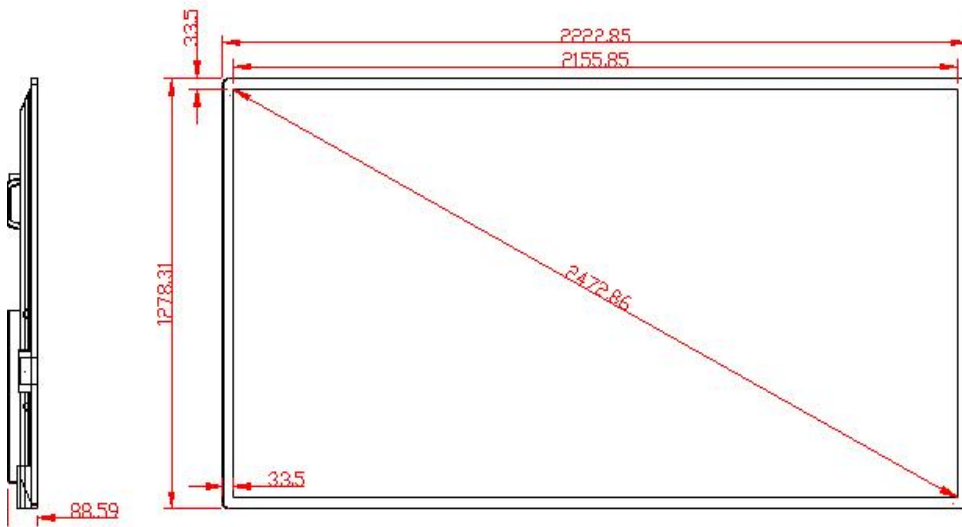
1. Product View



<http://www.sinotronics.com>



2. The dimensions



3. Product features

1) Exquisite appearance:

- (1) 98inch large writing area;
- (2) Flat surface integrated design, quadrilateral design;
- (3) Narrow border design, with a black edge width of 33.5mm;
- (4) Aluminum alloy frame, sandblasting oxidation appearance process;
- (5) Comprehensive screen design, the screen proportion is as high as 92%;
- (6) Lamination process, low reflection, higher light transmittance, wide viewing angle, high definition;
- (7) 4K ultra HIGH definition display, anti-glare tempered glass;
- (8) Avenue to simple, mainstream backlight technology, DLED backlight technology;

2) Android /Windows dual-system design:

- (1) HI-SILICON 811 4+32G
- (2) Windows 10 operating system (optional)

3) Touch technology: capacitive touch system, 27776 sensor, smooth writing experience;

- (1) MM process capacitance sensor, low square resistance, higher signal-to-noise ratio, more stable;
- (2) Anti-palm touch function;
- (3) Professional touch system design
- (4) Writing annotation can be implemented in any channel

4) Modular design, ultra-thin plug-in PC module, built-in video conference software under PC channel

5) Support the function of wireless screen transmission(optional)

6) Support the function of reverse touch control

7) Channel memory function, boot into the main interface by default

8) One-button black screen (environmental protection, improve life of service)

9) Support WIFI dual-frequency of 2.4G /5G

10) With one system connected with the internet, the other system can share internet access.

11) Support wall mounted installation and mobile foot stand installation

Note: OPS, screen projector and camera are optional accessories, which can be selected according to requirements



4. Display screen parameters

Brand	BOE
Size	98 inches
Type of the Screen	ADS
Response Time	8 ms
Image Scale	16:9
Display Size	2158.848mm(H) ×1214.353mm(V)
Resolution	3840 (H) ×2160 (V)
Refresh Rate	60Hz
Color Degree	8bit
Color Gamut NTSC (Typ)	72%
Contrast (Typ)	1200:1
Viewing Angle	178° (H/V)
Backlight Type	DLED
Brightness(Typ)	350cd/m ²
Service Life	≥30000 h

5. Audio parameters

Sound Track	2.0(Built in box speaker)
Rate of Power	2×15W (alt)

6. Touch writing system

Surface Material of Touch Panel	tempering glass
Surface Technology of Touch Panel	AG
Surface Hardness of Touch Panel	7H
Touch Type	capacitance

Sensor Scheme	additive MM
Touch Panel Structure	G+FF
Bonding Structure	Optical Bonding
Optical Bonding	AB silicone two-component (environmentally friendly)
Touch Points	40 points
Input Mode	finger/capacitive stylus
Minimum Identifier	6mm capacitive passive pen
Double Pen Writing	Support
Response Time	8ms
Touch Accuracy	≤1.5mm
Communication Mode	USB 2.0

7. The default system

System Version	Android 8.0
CPU	Dual-core A73, dual-core A53
GPU	quad-core MaliG51
RAM	4G
ROM	32G

8. Wireless

Wi-Fi	Version	802.11 a/b/g/n/ac
	Working frequency	2.4G, 5G

9. Valid input/output ports

HDMI-1 (ARC)	1
HDMI-2	1
USB3.0	1
USB2.0 (Touch)	1

USB2.0 (Android)	1
RS232	1
RJ45 wired network	1
Mic in	1
SPDIF Out	1
Earphone	1

10. PC System (optional)

PC type	OPS41C
PC core	Intel ® Core ™
CPU	I5-8600T
Memory type	Single channel DDR4 2133/2400/2666 MHz
Memory Interface	1×260-Pin DDR4 SODIMM (Maximum support 16 GB)
Graphics Card	Intel HD Graphics 630
Default System	Windows Pro beta
Data Processing	1×DP (Maximum supported resolution 3840×2160@60Hz)
Network Port	1×RJ45 (RTL8111H 1000M network card)
Restore Button	1×Operating system one button restore function button
HDMI output	1
USB2.0	3
USB3.0	3
PC port	80Pin
Mic in	1
LINT OUT	1
Compatible OPS Size	194.6*180*30mm

11. power supply parameters

Input Power	100-240V~50/60Hz 3.0A
Maximum Power Consumption	600W
Standby Power Consumption	≤0.5W

12. Dimension

Machine Size (length × width × thickness)	2223×1278×89mm
Packing Size (length × thickness × height)	2418×1515×278mm
VESA Hole Size (L × W)	800×400mm
Wall Mounting Screw specifications	M8×25
Net Weight (bare machine)	120Kg
Gross weight (packing)	140Kg

13. Accessories

AC power cord	5m
Capacitive Passive Pen	2
Instruction Manual	1
Warranty Card	1
Certificate of Approval	1

14. Environmental factors

Operating Temperature	0℃~40℃
Operating Humidity	10%~90%RH
Storage Temperature	-20℃~60℃
Storage Humidity	10%~90%RH
The Altitude	Below 5000 meters