







Shenzhen Heijin Industrial Manufacturing Co., Ltd.



Certification of Intellectual Property Management Standards



Quality educational products and services

# Company profile

Shenzhen Heijin Industrial Manufacturing Co., Ltd. has its own brand STboard(brand interpretation Smart Teaching) (Intelligent Teaching) is a global innovator and leader in interactive solutions, providing integrated solutions of software, hardware, training and services that inspire collaboration between education and business worldwide and help educators and businesses around the world succeed.

> STboard has specialized in OEM/ODM/SKD manufacturing of educational and commercial display equipment since its establishment. The company has a complete independent research and development system. Focusing on the intelligent application field of human-computer interaction; Projects P&D around touch technology, LCD driver, board design, system integration, software development and industrial. Products cover interactive flat panel, Nano Blackboard, Interconnected blackboard, digital screen, mobile screen, OPS computer and LCD splicing screen, etc.; products and services involve artificial intelligence, Internet, intelligent IoT and other fields. At the same time, it has passed IS09001 quality management system certification, intellectual property management standard certification, ISO45001/14001, CCC, CE, FCC, ROSH, Russian FSB, Korean KC/CB, American USB/HDMI member certification, etc.

STboard insists on controlling the refined and standardized operation of various production processes to ensure the quality production of each product. It has established long-term and stable cooperative relations with customers from many countries (regions) around the world, such as Europe, America, South Korea, Southeast Asia, and the Belt and Road. As a provider of educational informatization application tools and services, we have always adhered to the "user-centered" approach, oriented to meet market demand, based on the direction of industry development and industrial development policies, driven by technological innovation and product innovation, and continuously increasing Vigorously carry out research on new technologies in the industry, development of new products and research output of cutting-edge theories, and is committed to providing educational information application products and services suitable for users, and providing excellent interactive solutions to the global education business display sector. STBoard adheres to the management concept of independent innovation, adhering to the business philosophy of customer first, product quality aiming at customer satisfaction, and is taking its products to the world with a brand-new attitude

Original Model Name	HJ-TD86
Eshare	Yes
Originally installed APK	Web Browser Application Library
Auto-LIGHT-sensitivity	Support
Active Screen Size ("inch)	86 inch
Display	TFT DLED
Aspect Ratio	(16:9)
Resolution	4K UHD 3840*2160 / 60Hz
Display Colors	10bit, 1.07B
LCD Brightness	350cd/m2
Contrast Ratio (Typical)	(4500:1)
Viewing Angle	178°
Life time (working hours/day)	50000h
Power Consumption	<270W, Standby <0.5W
Working Voltage	100-240V 50/60Hz
Touch Surface Material	Anti Glare Tempered Glass with Zero-Bonding
Touch Surface Hardness	4mm MoHs 7
Touch Technology	IR
Touch Points	20 points (Touch & Writing)
Touch Screen Writing Tools	Fingers, writing pens, non-transparent hard objects
Touch Resolution	32767(W) x 32767(D)
TOUCH Response time	<4ms (single-touch) <6ms(max touch input)
Response Rate	6m/s
Minimum Touch Object	2mm
Accuracy	<1mm
Writing Height	<3mm
Cursor Speed	120points/s
Front Speaker	Built in Magnifier 16W x 2
Storage Temperature/Humidity	-15°C $\sim$ 60°C $_{\circ}$ recommend 5°C $\sim$ 45°C
Working Temperature/Humidity	0°C∼45°C, 10%∼90% RH Non-Condensing
Light sensor/Brightness auto adjusting	Yes
Outline Dimension (without wall mount bracket thickness)	1713.5x1015x88 mm
Packing size	1870x235x1200mm
Net Weight	68±1kg
Gross Weight	82±1kg

VESA Mount install position	4-M8 Srew hole 600x400
CPU	A55*4 Quad-Core 1.2 GHz
GPU	Mali-G52 Quad-Core
RAM	4GB DDR4
ROM	32GB EMMC
Android Version	12.0
OPS PC	fit 42/33/30mm
IQ OS	YES
Supports	Supports: PC-free writing function, supports one-button power on/off and one-button power saving, supports touch menu function, switching between each channel, Software Screen Mirroring: (Eshare/SCREEN MIRRORING): Support connection from Mobile/Tablet/Llaptop, HID Support & Win10/Win8/Win7/Mac OS /Android/Chrome OS/Linux
Bluetooth	5.0
WI-FI	IEEE 802.11 a/b/g/n/ac (both 2.4 and 5 GHz bands)
Stylus	x2
Wall mount	Yes
Certification:	CE/RoHs
Front Buttons	Power, Home, Screen, Down, Screenshot, Touch, Lock, Settings
Ports	USB 3.0 x 3 USB 2.0 x 2 USB-C 3.0 x 1, HDMI IN x 3 SPDIF x 1, VGA x 1 USB-B 3.0 Touch x 1, RS232 x 1, Audio In x 1, TF Card x 1, Earphone x 1, Windows OPS Slot x 1, COAX OUT x1 Analog port MIC x 1 Internet connections port: LAN IN x1 /Line Out ×1 1000 baseT
Kits	Pen x 2 Remote control x 1 with Batteries AAA Power Cable 1.5m x 1 3m HDMI 4K cable x 1 3m USB Touch Cable x 1 Bracket wallmount & screw set x 1 Program Language: OSD Simplified Chinese, Traditional Chinese, English, Spanish, Korean, Japanese, Russian, Vietnamese, French, German, Italian, Dutch, Arabic, Indonesian, Kazakh and Albanian
Warranty period	3 years



OPS COMPUTER	
CPU	Intel Core i5
Memory	8 GB RAM 128 GB SSD
Interface	USB 2.0 x 2, USB 3.0 x 2, LAN x 1, HDMI x 1, Line Out x 1, MIC-IN x 1
Warranty	3 years
Real Photo	

# PRODUCTS

## STboard

### **Interactive Flat Panel**

E series - Educational Interactive Flat Panel

H series - Conference Interactive Flat Panel

M series - High
End Interactive Flat Panel

SKD

# **STboard** Accessories OPS Computer Mobile Stand **STboard** Smart Pen Whiteboard **Touch Monitor** Screen Adapter Software www.hapone.cn (+86)755 21002123 (+86) 755 21002123 www.hapone.cn