

T-Smart Board

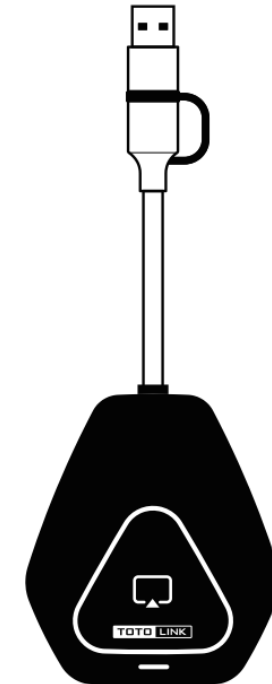
Model No.: TSB-55

Web site www.totolink.net | Address: 9F-1, No. 872, Zhongzheng Road, Zhonghe District, New Taipei City | E-MAIL

E-MAIL salesteam@zioncom.net



Appearance



Overview

TSB-55 is a 55-inch high-definition display, multi-touch, and multimedia functions. It is suitable for a variety of scenarios such as education, conferences, and commercial displays. Equipped with Android 14.0 system, a powerful octa-core processor and high-speed memory, it ensures a smooth operating experience. It adopts fully tempered explosion-proof glass and anti-glare design, taking into account durability and visual comfort, and is an ideal choice for modern smart office and teaching.

Ultra-clear 4K display, excellent visual experience

55-inch large screen (16:9 ratio), LED backlit LCD panel, resolution of 3840×2160 (4K), the picture is delicate and realistic.

High brightness 400cd/m² & high contrast (5000:1)

Users and users can enjoy vivid colors and clear details when viewing the screen

178° wide viewing angle and 4mm fully tempered explosion-proof glass

Ensure that there is no color cast when viewing from different angles. 4mm explosion-proof glass is scratch-resistant and wear-resistant, supports anti-glare, and reduces ambient light interference

40-point infrared touch, precise and sensitive

Infrared sensing technology, supports 40-point touch, response speed up to 120 points/second, smooth operation without delay. Touch accuracy $\pm 2\text{mm}$, recognize fingers, stylus (diameter $\geq 5\text{mm}$), more accurate writing and drawing. Multi-function gesture support: zoom, rotate, drag, etc., to improve interaction efficiency.

Powerful octa-core processor

Octa-core processor (A55 architecture, 1.2GHz) + MaliG52 GPU, easy to handle multi-tasking

Dual 15W speakers

The sound quality is clear, meeting the needs of conferences, teaching and other scenarios.

Intelligent functions to improve efficiency

Wireless screen projection: supports one-click mirroring display on mobile phones/computers.

One-click screen recording: quickly save meeting or teaching content.

Energy-saving mode: standby power consumption $\leq 0.5W$, environmentally friendly and power-saving

OPS connection port: 80-pin standard OPS-C;

Say goodbye to cumbersome wiring and bulky external hosts! Our 55-inch infrared touchscreen features a built-in standard 80-pin OPS interface, providing you with a "plug and play" intelligent upgrade experience.

Features

- Support full channel switching touch, touch menu, touch menu operation, touch volume adjustment, touch brightness adjustment
- Support one touch energy-saving
- Support individual listening [i.e. the screen is not lit while the all-in-one device is in working mode, and audio and video can be played normally]
- Support wireless screen mirroring on mobile phones
- Support one click screen recording function
- Support touch menu one click shutdown
- Support USB 3.0 socket for front facing computers
- Support transferring external devices to use the machine's built-in touch box function
- Support network following function
- Support inserting signal sources, videos, browsers, file management, images into whiteboards, PPT.
- Supports interactive teaching with flip-style pages, including effective tools and special effects.
- Language: Supports multiple languages, including Vietnamese and English.

Interactive functional parameters

Motherboard	G6760V1.U	
CPU	Octa-core A55	
GPU	Quad-Core MaliG52 MC2_600MHz	
RAM/ROM	8GByte/ 128GByte	
Wireless	2.4GHz WIFI+5GHz WIFI+BT5.0	
Horn specifications	15W/8 ohms x 2 speakers	
Interface	RS232 port: 1 set	PC TOUCH 2.0 port: 1 set
	HDMI input port: 1 set	RJ45 input port: 1 set
	USB 2.0 ports: 1 set USB 3.0 ports: 1 set	Coaxial port: 1 set
	Line Out port: 1 set	TF Card port: 1 set
	Standard 80PIN OPS interface:1 set	
Front terminal input	Front interface: USB * 2 (full channel) type-c*1、HDMI IN*1、TOUCH*1 Front one button: power on/off	

OPS External Host Specifications (Option)

proces sor:	Intel Core i5-4200U dual-core processor (1.6GHz base clock speed, with Turbo Boost)
Memor y	8GB DDR3L
storag e	128GB SSD
interfa ce	Standard 80PIN OPS interface

Display parameters

Display Size	55 inches (16:9)
panel type	LED LCD display screen
Screen display size	1211.6 x 682.5mm 【H x V】
physical resolution	3840（H）×2160（v）
Display Color	10bit, 1.07B
refresh rate	4K-60Hz
brightness	≤400cd/m2
contrast ratio	5000: 1
Perspective (degree)	178°
Display screen protection	4mm fully tempered high explosion-proof anti glare glass
Backlight lifespan	50000 hours

Touch parameters

Touch embedding method	Built in integrated, non external, front detachable design
Touch sensing technology	Infrared induction recognition touch technology (40 points)
writing style	Fingers, touch pens or other non transparent objects with a diameter of not less than 5mm (multi-point 8mm)
Cursor speed	120 points/s
positioning accuracy	More than 90% of the touch area is ± 2 mm
communication interface	B-type USB male connector
Touch resolution	32767*32767
Touch frequency	Theoretical Infinite Times
Computer response	Automatic recognition by the system; ≤ 15 ms
driver	Drive free
Touch function	Support 40 Point computer touch operation Support image enlargement, reduction, and rotation

Whole machine characteristics

Shell and appearance	Aluminum profile frame zero sticker design, front buttons, front ports, front speakers
color	steel gray
outline dimension	1258 *770.5*81.3mm
Package size	1378*190*904mm
net weight	27KG
gross weight	32KG
Maximum power consumption rate	≤110W
standby power	≤0.5W
Installation method	Standard wall bracket (mobile bracket optional)

Working environment

workplace	indoor
operation temperature	0° C - 40° C
Working humidity	10% -90% non condensing
Storage temperature	-20° C - 60° C
Storage humidity	10% -90% non condensing

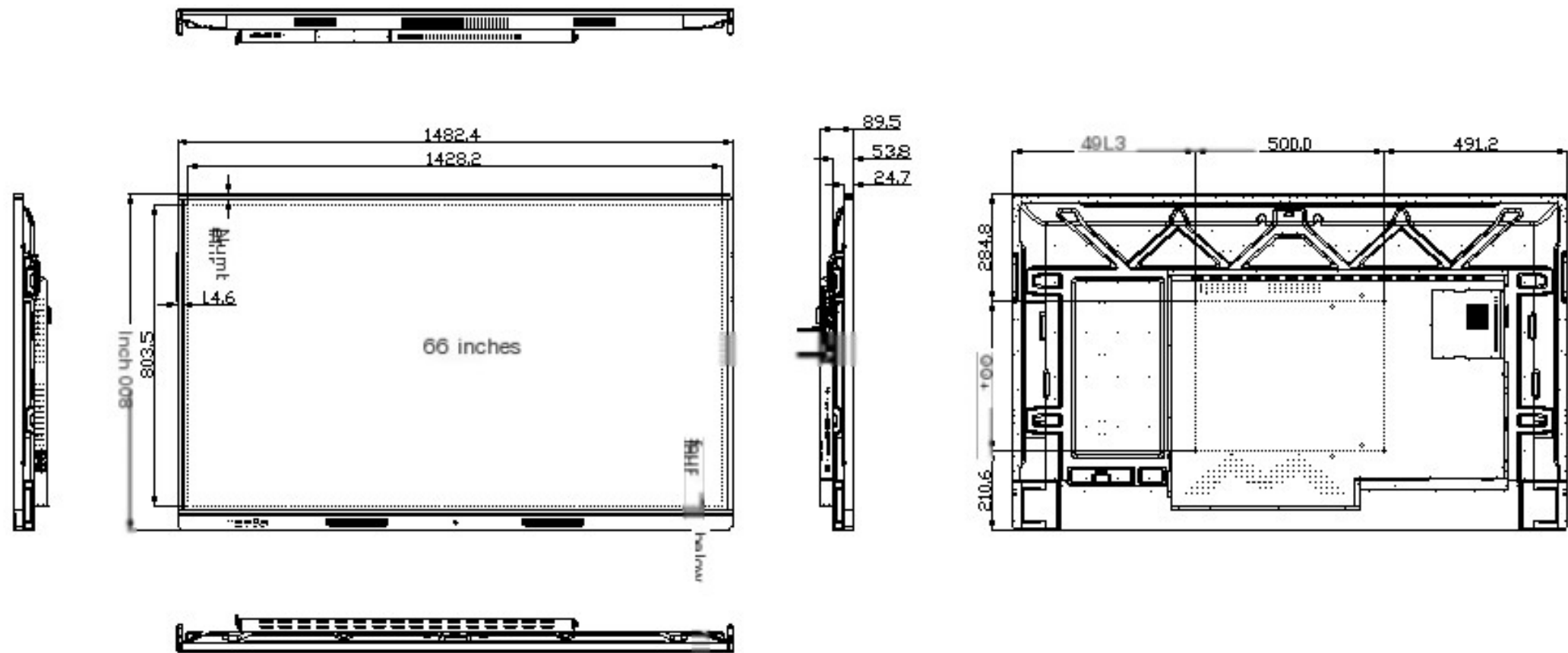
Product Certification

Safety and Regulation	CE,CB,FCC
-----------------------	-----------

Standard random attachments (with attachments according to actual situations)

name	quantity
remote control	1 piece
battery	2 of them
Repair card	1 sheet
Touch Pen	1 unit
certificate of conformity	1 sheet
instructions	1 book
1.5-meter power cord	1 piece
Wireless screen projector	1 piece

Unit of overall dimension drawing: mm



Product physical picture

