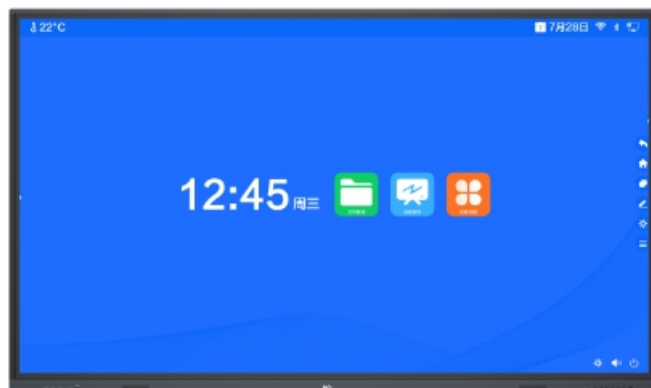




Description

This multimedia intelligent interactive flat panel integrates application modules such as presentation, writing, human-computer interaction, and content sharing. With its practical, paperless, and efficient information-based integrated application platform, it helps to transform and upgrade the teaching methods of millions of classrooms in China.

Features

- *The entire unit features a narrow bezel design, a UHD ultra-high-definition LED LCD screen with a resolution of 3840*2160 and an aspect ratio of 16:9, and has an anti-glare effect ; it can still work normally in high-illuminance (110K Lux) environments.
- *The screen displays rich color details and high color fidelity (color gamut $\geq$ NTSC 72%), allowing for a delicate presentation of classroom demonstrations.
- *The screen displays a grayscale resolution of 128 gray levels or higher, ensuring a sharp and detailed picture.
- *It features an eye protection function, which can be activated with a single touch of the menu button.
- *Employing zero-bonding technology, the pen feels almost weightless when lifted, providing a paper-like writing experience. The tempered glass surface (7H hardness) effectively protects the screen, reducing polarization and scattering between the panel and glass, resulting in a clearer, more transparent display and a wider viewing angle.
- *It features screen brightness adjustment , allowing the device to sense and automatically adjust the screen brightness to achieve different display effects under different lighting conditions. This function can be turned on or off manually.
- *It adopts infrared touch technology and supports multi-user multi-touch writing on both Android and Windows systems. The Android system supports 40 -point touch, and the Windows system supports 40-point touch .
- *The device features a built-in 2.0 channel speaker with a rated power of 2*15 W. It adopts a high-power independent cavity speaker and a front-firing structure design, which makes the output sound quality clearer and more textured, making the transmission of knowledge more vivid and engaging.
- *It features a built-in wireless network module, enabling simultaneous Wi-Fi internet access and AP (Access Point) wireless hotspot transmission without any external antennas or adapters. It supports 2.4GHz and 5GHz bands and conforms to IEEE 802.11 a/b/g/n/ac standards.
- *The device features a dual-side navigation bar with virtual buttons on the left and right sides, allowing for quick access to functions such as back, home, whiteboard, annotation, multitasking management, signal source, and tools. It also supports customizing and changing applications and shortcut tools.
- *The entire machine adopts a three-button integrated design, that is, the power button, the OPS computer power button and the energy-saving standby button are all the same physical button, ensuring the convenience of user operation .
- *It supports split-screen functionality. In the Android system environment, quick tools can be accessed through the left and right sidebars to achieve split-screen task collaboration. Two applications can be displayed at the same time. It also supports writing and presenting images and documents, entering annotation mode, and sharing via QR code.



- *It supports whiteboard writing, allowing users to expand the writing area by moving the whiteboard and zoom in or out on specific parts of the whiteboard. It supports single-finger/five-finger writing, gesture eraser recognition, and customizable handwriting size. In non-whiteboard mode, the writing board can be quickly brought up to meet users' needs for temporary and rapid writing. It also supports inserting PDF documents and MP4 videos for easy browsing on the whiteboard.
- *It supports recognizing hand-drawn graphics, eliminating the need to reselect the brush function when writing; it also supports inserting smart tables, whose size automatically expands according to the writing content, and rows and columns can be added by drawing straight lines .
- *It supports content sharing , allowing users to save whiteboard content locally or via USB drive. QR code scanning is also supported for sharing. The A and B writing pens can be set to different colors for quick content explanation and differentiated annotation. Fast file transfer is also supported.
- *In any channel, the central control menu can be quickly accessed from any location using gestures. It features commonly used functions such as return operation, one-click home page, task preview, menu settings, one-click whiteboard, and full-channel screen annotation. Six additional shortcut applications can also be customized. The central control menu can be automatically hidden without taking up display space.
- *It supports voting functionality , allowing users to edit topics and options. Up to 10 options can be set, supporting both single and multiple selections. Once set up, voting is conducted via mobile phone scanning. Voting results can be generated into pie charts or bar charts and can be inserted into the whiteboard as images.
- *It supports setting a welcome page , and the main interface is divided into custom , birthday celebration template , multimedia , and text template.
- *It supports wireless screen projection and mixed display , supports nine- screen simultaneous display , supports mixed display of mobile phones and computers , and can connect 16 devices at the same time.
- *The no-signal standby time can be customized. When the device is in a no-signal reception state for the set time, it will automatically go into standby mode to save energy.
- *It supports standby wake-up functionality; in standby mode, the entire device can be powered on when a signal is received at the LAN or HDMI port. This is energy-saving and environmentally friendly, extending the lifespan of large-screen devices.
- *It supports an energy-saving mode , allowing users to turn the LCD screen backlight on and off with a single button without shutting down the entire device. This reduces power consumption by over 80%.
- *The device allows users to customize the default power-on channel. It can be powered on via the default channel even when powered off on any channel, and the power-off signal source can be set to be memorized as the power-on signal source.
- *It supports device lock functionality. Once enabled, it can be used with remote control lock, touch lock, button lock, settings lock, and USB lock. A password must be entered to use the corresponding device.

Specification

Size	75 inches
Screen type	IPS
System version	Android 14.0
CPU	Quad-core, 1.5GHz
Memory	4GB
Storage space	32GB
Response time	8 milliseconds
Aspect ratio	16:9
Display size (HV)	1649.664mm × 927.936mm
Resolution	3840 (H) × 2160 (V)
Refresh rate	60Hz
Color saturation	1.07B (8-bit + Hi-FRC)
Color gamut NTSC (Typ.)	72%
HDR	support
Contrast	4000:1 (typ.)
Viewing angle	178°(H)/178°(V)
Backlight type	DLED
Screen brightness (Typ.)	300cd/m ²
Life	≥ 30,000 hours
Touch recognition principle	Infrared touch
Supports touch systems	Windows/Android
Touch points	Windows supports 40-point touch and 10-point writing; Android supports 40-point touch and 10-point writing.



Intelligent Interactive Flat Panel

TV-75830P

Touch mode	Optical objects such as fingers and styluses
Touch accuracy	±2mm
Brightness uniformity	75%
Writing screen glass specifications	4mm tempered glass
writing screen surface hardness	7H
Wired network	Supports 10/100Mbps
Wireless WiFi	Standard configuration includes built-in dual-band Wi-Fi, supporting AP hotspots.
WiFi version	Wi-Fi: 802.11 b/g/n, supports Wi-Fi 6; AP: 802.11 a/b/g/n/ac/ax
WiFi operating frequency	Wi-Fi: 2.4GHz; AP: 2.4G & 5GHz
WiFi working distance	12m
Bluetooth version	Bluetooth2.1+EDR/3.0/4.x/5.2/5.3/5.4
Bluetooth operating frequency	2.4Hz
Bluetooth working distance	0~12m
Audio channel	2.0 stereo dual-channel, both front-facing.
Speaker power	2x15W @ 8Ω
PC type	Plug-in modular computer
PC Interface	OPS-C Standard 80 Pin
Number of buttons	7 buttons – Screen Recording, Source, Volume Down; Volume Up; Settings, Eye Protection, Power
Front	USB 3.0*3, Type-C*1, Touch USB*1, HDMI in*1
Rear	USB 2.0*1, USB 3.0*1, Touch USB*1, RJ45*1, RS232*1, Mic IN*1, HDMI IN*2, OPTICAL*1, Line out*1
Power input	AC 100~240V/50~60Hz
Total power consumption (excluding OPS)	320W
Standby power consumption	≤0.5W
Overall dimensions (W*H*D)	1706*1012.1*126.7mm (including bracket)
Overall dimensions (W*H*D)	1706*1012.1*102.2mm (excluding bracket)
Net weight	45kg
Gross weight	52kg
Operating temperature	0°C~40°C
Operating humidity	10%~80%RH
Storage temperature	-20°C~60°C
Storage humidity	10%~90%RH
Altitude	The altitude of the installation site should not exceed 5000 meters.