65-inch Interactive Flat Panel Specifications

Model: Y65AIO/TS–A06

Product Series: V2.8 Series

Version: V1.0

Document Number	Prepared by	Reviewed by	Approved by	Effective Date

Version	Description	Date	Fiction
V1.0	First Released	November 4, 2024	Chen Qingjie

Product description

- **Intelligent Integration**

  The Intelligent Interactive Educational All-in-One Machine integrates multiple functions in one device, including LCD screen, electronic whiteboard, Android tablet, Windows PC, and audio system.

- **Dual Systems**

  Dual Systems (Android + Windows) with one-key switch boasts strong compatibility, supporting the installation of various software. It meets the needs of office work, teaching, training, display and other scenarios, offering a wider range of applications.

- **Conference Writing Whiteboard**

  Equipped with a high-precision infrared low-touch solution, it adopts two writing technologies: ±2mm high-precision original handwriting input and personalized stroke writing. Supporting 60-point touch control, it enables 1-finger writing, 2-finger zooming, 3-finger dragging, and palm erasing. Copy and insert functions are effortless to use, with arbitrary page adding and previewing supported. Written content can be saved and shared via QR code.

- **Document Annotation**

  It supports direct reading of multiple file formats including PPT, Word, Excel, and PDF. After annotating on any interface, the annotated content can be saved locally or shared via QR code.

- **Wireless Screen Casting**

  It supports 5G high-speed screen casting for mobile phones and tablets: Android devices require downloading a screen mirroring app, while iOS devices can directly cast via AirPlay mirroring. For laptops, wireless screen casting with two-way operation is available (a wireless screen caster is required). It also supports simultaneous screen casting for up to four devices.

- **VIP Reception**

  It enables the creation of a welcome ceremony display for each visitor at no extra cost. After adding an electronic signature, the display can be saved locally or shared via QR code for visitors to keep.

- **Adopts a pluggable Intel-80pin slot**
  Featuring a standard Intel-80pin slot, it is compatible with universal standard 80pin OPS computers available on the market, making the maintenance and upgrading of OPS computers more convenient.

- **Five-Finger Screen Off**
  Supports five-finger screen off and five-finger screen on, delivering high efficiency and energy savings.

- **One-Key Startup**
  Featuring a three-in-one button, it is convenient and intelligent.

- **Appearance Design**
  Boasting an ultra-narrow bezel design, rounded corners with humanized safety-oriented considerations, and multiple convenient front-facing interfaces, it greatly enhances operability.

Specifications

Project		Content	Remark
Display Parameters	LCD Screen Size	65inch	
	Active Display Area Size	1430.5(H)×805.5(V) mm	
	Resolution	3840×2160	
	Response Time	8 ms	
	Viewing Angle	89/89/89/89	
	Aspect Ratio	16:9	
	LCD Brand	HKC	
	Refresh Rate	60Hz	
	Color Depth	1.07G	
	Color Gamut(sRGB) (Typ)	100%	
	Contrast Ratio (Typ)	1200:1	
	Dynamic Ratio	100000:1	
	Backlight Type	DLED	
	Screen Brightness (Typ)	≥350cd/m²	
	Service Life	≥30000 h	
Android System Configuration	OS	Android 14	
	CPU	V100 Octa−core Cortex−A55	
	Main Frequency	1.5Ghz	
	GPU	Mali−G52 MC2	
	RAM	8G	
	ROM	128GB	
	WiFi Module	IEEE802.11a/b/g/n/ac Dual−Band 2.4G/5G	
	Bluetooth Module	Bluetooth Core Specification V5.0	
Android I/O Peripheral Ports	RJ45 In	1*RJ45 10/100M Ethernet Port	
	HDMI Out	1*HDMI 2.0 Standard Terminal (4K60Hz)	
	SPDIF Out	1*RCA Terminal	
	MIC In	1*Mini earphone	
	Earphone Out	1*Standard 3.5mm Terminal	
	Touch USB	1* USB−B(2.0)	
	HDMI In	2*HDMI 2.0 Standard Terminal (4K60Hz)	
	USB	1* USB−A(3.0)	

	USB	1* USB–A(2.0)	
	TF Card	1* Standard TF Card Slot (Max. 512GB)	
	RS232	1* Standard RS232 Terminal (DB9)	
Front–Facing Interfaces	USB	2*USB–A (3.0)	
	Touch USB	1*USB–B (2.0)	
	HDMI In	1*HDMI 2.0 Standard Terminal (4K60Hz)	
	Type–C	USB Type–C 3.0 for Data Transfer	
Power Parameters	Power Input	100–240V~50/60Hz	
	Maximum Power Consumption	≤ 175W (Excluding OPS computer)	
	Standby Power Consumption	≤0.5W	
Audio Parameters	Audio Channel	Stereo	
	Power	2*20W	
Environmental Conditions	Operating Temperature	0℃~50℃	
	Operating Humidity	20%~80%RH	
	Storage Temperature	–10℃~–60℃	
	Storage Humidity	10%~90%RH	
	Altitude	Below 2000 meters	
Dimensions & Packaging Specifications	Housing Material	Metal (Aluminum Profile Front Frame + Hardware Back Panel)	
	Housing Color	Gunmetal	
	Overall Dimensions (L×D×H)	1483.4*94.3*892.6 mm	
	Packaging Dimensions (L×D×H)	1610*190*1025 mm	
	VESA Mounting Hole Specifications (L×W)	500*400mm	
	Net Weight	33KG	
	Gross Weight	42KG	
	Packaging Accessories	Remote Control*1、User Manual*1、Certificate of Conformity*1、Power Cable*1、Wall Mount Bracket*1、Stylus Pen*2	

Structural dimension drawing