

Dual-System Smart Board for Classroom

Product Specification

Product Series: Educational Machine Series

Product Model: 86-inch

Android Configuration: 6760

PC Configuration: I3 / I5 / I7 (Optional)

Android Configuration	982	982	982
	8G+128G	8G+128G	8G+128G
PC Configuration	CPU	Memory (RAM)	Hard Drive (SSD)
	I3/I5/I7 (Optional)	4G/8G/16G (Optional)	128G/256G (Optional)

I. Product Features

1. Ultra-thin appearance design enhances the overall decoration grade.
2. High touch sensitivity, fast response, and no drift.
3. Multiple signal interfaces, supporting various signal input/output.
4. Full HD LCD screen with independently debugged motherboard software for more vivid colors.
5. Mature configuration scheme; standard multi-touch solution.
6. Adopts industrial control motherboard, high-end quad-core processor, and high-speed hard drive.
7. Uses high-quality infrared touch panel with ultra-high light transmittance, scratch-resistant and wear-resistant.
8. Integrates multiple intelligent auxiliary tools, including teaching tools, magnifying glass, recording, screen recording, and video capture functions.
9. Supports writing and touching with any opaque objects, such as fingers, pointers, and styluses.

II. Specification Parameters

Category	Item	Details
Smart Board for Classroom	Name	86-inch Dual-System Smart Board for Classroom
	Model Number	HX-986
	Size	86-inch
	Color	Black
	Resolution	3840×2160 (4K/60Hz)
	Overall Dimensions	1963.5mm × 1167.5mm × 93.4mm (Total thickness including wall mount: 120.4mm)
	Display Area Size	1872mm × 1053mm
	Frame + Screen Bezel	Left/Right: 34.3mm each; Top: 34.2mm; Bottom: 67.8mm
Basic Parameters	Speaker Power	8Ω 10W × 2
	Audio Features	NICAM / Dual Language / Surround Sound
	Video System	PAL, NTSC, SECAM
	Audio System	D/K, B/G, I, M/N
	Aspect Ratio	16:9
	Contrast Ratio	5000:1
	Color Gamut	16.7 Million Colors
	Response Time	8ms
	Viewing Angle	Full Viewing Angle

	Installation Method	Wall-Mounted
	Wall Mount Dimensions	715mm × 630mm × 27mm
	Power Input	AC 110V-240V / 50-60Hz
PC Configuration	Operating System	Windows 7/10 (Optional)
	CPU	I3/I5/I7 (Optional)
	Memory (RAM)	4G/8G/16G (Optional)
	Hard Drive	128G/256G (Optional)
	Graphics Card	Intel HD Graphics
	Sound Card	Integrated Sound Card
	Network Connection	Built-in RTL 8101E 100M; Built-in WiFi / RJ45 Port
	Interfaces	USB 3.0 × 2; USB 2.0 × 2; RJ45 × 1; HDMI × 1; Audio × 1; Microphone × 1
Android Configuration & Interface Description	Android Motherboard	6760
	Operating System	Android 12.0/14.0
	CPU	8×A55, 1.5GHz
	GPU	Mali-G52 MP2 (2EE)
	RAM	8G
	Storage	128G
	I/O Interfaces	Touch USB × 1; RJ45 × 1; HDMI × 1; Earphone × 1; Coaxial Output × 1; RS232 × 1; USB 3.0 × 1; USB 2.0 × 1

Touch System	Touch Technology	Non-contact infrared touch technology, multi-touch; explosion-proof and anti-glare tempered glass; USB self-adaptive, no driver or calibration required
	Touch Method	Fingers, styluses, or other opaque objects; resistant to strong light interference
	Response Speed	Continuous touch $\leq 5\text{ms}$; First-touch response time $\leq 8\text{ms}$, continuous response time $\leq 5\text{ms}$
	Computer Response	Automatic system recognition
Environmental Conditions	Storage Temperature	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
	Storage Humidity	5%RH $\sim$ 95%RH
	Operating Temperature	$5^{\circ}\text{C} \sim 35^{\circ}\text{C}$
	Operating Humidity	20%RH $\sim$ 80%RH
	Service Life	$\geq 60,000$ hours

III. Product Dimensions



