

NovoTouch EK867i

EDLA Certified, True 86" 4K-UHD interactive display with wireless collaboration and touch interaction



Features

Hardware

- 86" display with 4K Ultra-HD resolution for outstanding details and stunning visuals
- 3mm-thick toughened glass for added protection against scratches or screen damage
- Built-in Octa-core processors enhance computing capabilities for various user needs
- Front bezel USB-A, USB-C ports for quick connection to USB keyboards/mice, memory drives and data
- USB-C 65W will charge your USB-C laptop on the go
- High-speed Wi-Fi 6 connection
- Dual RJ45 ports for easy Ethernet expansion
- 2.1 channel speakers will deliver better audio quality than before

Software

- Integrated with NovoConnect wireless presentation and collaborative system for cable-free and hassle-free presenting in the classroom
- Connect to 64 users simultaneously, and allow 4 people to present on one display to facilitate large group work
- Built-in whiteboard and Screen annotation Apps to facilitate efficient collaboration in meeting rooms and classrooms
- NLiveScreen & NLiveReceiver allows you to mirror the screen shown on one NovoTouch to other NovoTouch.
- Centralized device management through Remote Manager Cloud or Windows software, simplifying IT administration
- Built-in NovoDS capability as an all-in-one digital signage solution, easy to set up and manage via NovoDS.com Cloud service

Specification:

Display	Type/Technology	Backlit D-LED (ADS Panel)		
	Panel Size	86"		
	Brightness (Typ.)	450cd/m2		
	Contrast Ratio (Typ.)	5,000:1		
	Native Resolution	4K Ultra-HD (3840 x 2160)		
	Viewing Angle (H/V)	178°/178°		
	Aspect Ratio	16:9		
	Response Time (ms)	6ms (Typ.)		
	Refresh Rate (Hz)	60Hz		
	Estimated Lifetime	50,000 hours (Typ.) 100,000hrs (Eco mode)		
	Display Color (Bit)	1.07 billion (10-bit)		
	Installation Orientation	Landscape		
	Daily Operation (Hours/Days)	16/7		
Interactivity	Technology	Infrared Touch		
	Touch Points	Writing	10 Point (Standard)	
		Touch	50 Point (Standard)	
	Accuracy	Finger	±1mm (Over 90% area)	
		Passive Pen	±1mm (Over 90% area)	
	Response Time	<3ms		
	Touch Resolution	32,768 x 32,768		
	Surface Protection	3mm Anti-Glare Thick Toughened Glass		
Touch Tools	Finger, Stylus, Glove, Opaque Objects			
Anti-Palm	Supported			
Operating System	System Version	Android™ v14.0		
	CPU	Multi-Core High-Performance ARM®CPU		
	GPU	Mali™ G52		
	RAM	16GB DDR5		
	Internal Storage	128GB (eMMC Flash)		
Connectivity	Input	Display	HDMI v2.0 (x2) Side HDMI v2.0 (x1) Front	
		Audio	Mic-In(3.5mm) (x1)	
	Output	Display	HDMI-Out v2.0 (x1) (up to 4K@60Hz)	
		Audio	Line-Out (3.5mm) (x1) SPDIF-Out (x1)	
	Internet	LAN (RJ45) (x2) (1Gbps)		
	Control	RS232-In (x1)		
	Wireless	WiFi	IEEE802.11ax (2.4GHz/5GHz)	
		Bluetooth	BT 5.2	
		I/R Receiver	Front (x1) (±25° Angle, >8m Distance)	
	USB-A	Front	USB 3.0 (x2)	
		Side	USB 3.0 (x2), USB 2.0 (x1)	
	USB-B	Front	USB-B (x1) (Touch Port for HDMI-In Front)	
		Side	USB-B (x1) (Touch Port for HDM-in 1/2)	
	USB-C	Front	USB-C (x1) (65W charging)	
		Side	USB-C (x1) (Data only)	
Expansion	Windows Module (Option)	Standard Intel 80pin OPS (Option)		
Audio	Speakers	18W*2 + 8W subwoofer*1		
Power	Power Supply (Internal)	AC 100 - 240V, 50/60Hz (4.2A)		
	Consumption	≤450W, 167.17W (Eco)		
	Standby Mode	≤0.5W (Standby), 0.16W (Eco)		
Physical Characteristics	VESA Mounting (FPMPMI)	600 x 400mm, 4 - M8 x 25mm		
	Mini PC VESA Mount	100 x 100mm		
	Dimension (L x H x D)	1,953 x 90.2 x 1,172.3 mm		
	Weight	63kg		
	Color	Gray		
Accessories	Standard	AC Power Cord, Stylus (x2), Remote Control (W/Batteries), Wall Mount Kit, HDMI Cable (3M), Touch Cable (3M) Documentation Kit		
	Optional	LauncherPlus Windows OPS Module – Standard 80pin		

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