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
- NTLiveScreen & NTLiveReceiver 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.)		5000:1
	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 × 25mm
	Mini PC VESA Mount		100 x 100mm
	Dimension (L x H x D)		6 – M8 × 25mm, 800 x 400mm
	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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