NovoTouch BK862i

True 86" UHD 4K interactive display with wireless collaboration and touch interaction

Features

Hardware

- 86" display with UHD 4K (3,840 × 2,160) resolution for outstanding details and stunning visuals
- 3mm-thick toughened glass for added protection against scratches or screen damage
- Front bezel USB-A, USB-C ports for quick connection to USB keyboards/mice, memory drives and data
- High-speed Wi-Fi 6 connection
- Dual RJ45 ports for easy Ethernet expansion

Software

- Built-in whiteboard and NovoConnect screen sharing Apps to facilitate efficient collaboration in meeting rooms and classrooms.
- Screen annotation and recording tools available for easy content sharing.
- Centralized device management through Remote Manager Cloud or Windows software, simplifying IT administration.

Specification:

Category	Spec		Value
Display	Type/Technology		Backlit D-LED (ADS Panel)
	Panel Size		86"
	Brightness (Typ.)		400cd/m2
	Contrast Ratio (Typ.)		5000:1
	Native Resolution		4K Ultra-HD (3840 x 2160)
	Viewing Angle (H/V)		178º/178º
	Aspect Ratio		16:9
	Response Time (MS)		6ms (Typ.)
	Refresh Rate (Hz)		60Hz
	Estimated Lifetime (Typ.)		30,000 hours (Min)
	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	20 Point (Standard)
	Accuracy	Finger	±1mm (Over 90% area)
		Passive Pen	±1mm (Over 90% area)
	Touch Resolution		32,768 x 32,768
	Surface Protection		3mm Anti-Glare Thick Toughened Glass (Level 7H on Mohs Scale of Mineral Hardness)
	Touch Tools		Finger, Stylus, Glove, Opaque Objects
Operating System	System Version		Android™ v13.0
	CPU		Multi-Core High-Performance ARM®CPU
	GPU		Mali™ G52
	RAM		4GB DDR4
	Internal Storage		32GB (eMMC Flash) (About 25GB User Availability)
Connectivity	Input	Display	HDMI v2.0 (x3) Side HDMI v2.0 (x1) Front
		Audio	Mic(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)
	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 Type B (x1) (For Touch Port)
		Side	USB Type B (x1) (For Touch Port)
	USB-C	Front	USB-C (x1) (15W charging & display input)
Expansion	Windows Module (Option)		Standard Intel 80pin OPS (Option)
Audio	Speakers		18W (x2) (Stereo)
Power	Power Supply (Internal)		AC 100 - 240V, 50/60Hz (4.5A)
	Consumption		≤450W
	Standby Mode		≤0.5W (Standby)
Physical Characteristics	VESA Mounting (FPMPMI)		800 x 400mm, 4 - M8 × 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		64kg
	Color		Silver
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