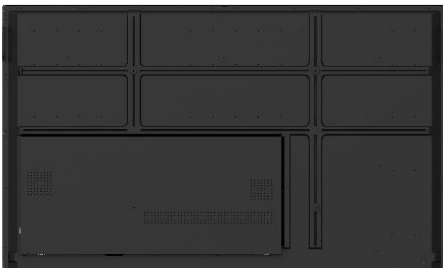


## NovoTouch EK860i

True 86" 4K interactive display with wireless collaboration and touch interaction for the classroom



### Features

- 86" display with ultraHD 4K (3,840 x 2,160) resolution for outstanding details and stunning visuals
- Backlit D-LED panel technology for bright picture, longer life (minimum of 30,000 hours) and lower energy consumption
- Extra wide 178°/178° viewing for an almost perfect view from just about any angle in the classroom
- Preconfigured with NovoConnect wireless presentation and collaborative system for cable-free and hassle-free presenting in the classroom
- Connect up to 64 users simultaneously, and allow 4 people to present on one display to facilitate large group work
- Optional LauncherPlus wireless dongle connects to any visitor's laptop for a direct plug-n-play Wifi connection without impacting an existing network
- High contrast ratio and fast response time deliverables crisp, readable content
- Interactive functionality with up to a 20-point finger touch capabilities (10-point writing, 20-point touch) for on-screen annotation, drawing and common gesture controls
- Simple wireless display and true fast collaboration solution thanks to 802.11n/ac dual-band 2.4/5GHz support
- Remote manager with IT management software with automatic discovery and configuration
- Full suite of connectivity ports including HDMI-In, VGA-In, Audio-In/Out, LAN, RS232 and USB.
- Front bezel USB ports for quick connection to USB memory drives and data
- 4mm thick toughened glass for added protection against scratches or screen damage
- Powerful front-facing stereo audio speakers with up to 20W of total power (10Wx2) and multiple audio-in/out ports

**PRELIMINARY SPECIFICATION FOR REFERENCE ONLY. SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. EXPECTED Q3/2019 MARKET AVAILABILITY.**

<b>Display</b>	Type/Technology		Backlit D-LED (IPS Panel)
	Panel Size		86"
	Brightness (Typ/Min)		330cd/m2 (280cd/m2)
	Contrast Ratio (Typ)		1,200:1
	Native Resolution		4K Ultra-HD (3840 x 2160)
	Viewing Angle (H/V)		178°/178°
	Aspect Ratio		16:9
	Response Time (MS)		8ms (Typ)
	Refresh Rate (Hz)		60Hz
	Estimated Life Time (Typ)		30,000 hours (Min)
	Display Color (Bit)		1.07 billion (10-bit)
Installation Orientation		Landscape	
Daily Operation (Hours/Days)		16/7	
<b>Interactivity</b>	Technology		Infrared Touch
	Touch Points	Writing	10 Point (Standard)
		Touch	20 Point (Standard)
	Accuracy	Finger	±2mm (Over 90% area)
		Passive Pen	±2mm (Over 90% area)
	Response Time		<15ms
	Touch Resolution		32,767 x 32,767
Surface Protection		4mm Thick Toughened Glass (Level 7H on Mohs Scale of Mineral Hardness)	
Touch Tools		Finger, Stylus, Glove, Opaque Objects	
<b>Operating System</b>	System Version		Android™ v7.0
	CPU		ARM® Cortex® A73 Dual Core CPU - Upto 1.1GHZ
	GPU		Mali™ - 450*5
	RAM		2GB DDR3
	Internal Storage		16GB (eMMC Flash) (Approximately 9GB User Availability)
<b>Connectivity</b>	Input	Display	HDMI v2.0 (x2), VGA-In (x1)
		Audio	Audio-In (3.5mm) (x1), AV-In (x1)
	Output	Display	N/A
		Audio	Audio-Out (3.5mm) (x1), SPDIF-Out (x1)
	Internet		LAN (RJ45) (x1)
	Control		RS232 (x1)
	Wireless	Wifi (USB Dongle)	Yes (IEEE 802.11 a/b/g/n/ac: 2.4GHz/5GHz)
		I/R Receiver	Front (x1) (±30° Angle, >8m Distance)
	USB	Front	USB 2.0 (x2)
		Side	USB 2.0 (x1), USB 3.0 (x1), USB Type B (x2) (For Touch Port)
Bottom		USB 2.0 (x1)	
<b>Expansion</b>	Windows PC Module Slot		Standard (120pin) (OPS)
	microSD Slot		N/A
<b>Audio</b>	Speakers		10W (x2) (Stereo)
	Power Supply (Internal)		AC 100-240V, 50/60Hz
<b>Power</b>	Consumption		500W
	Standby Mode		<0.5W (Standby)
<b>Physical Characteristics</b>	Dimension (L x H x D)		1,957 x 1,370 x 89mm (77" x 54" x 3.5")
	Weight		66.58kg (146.8lbs)
	VESA Mounting (FPM/PMI)		4 - M8 x 25mm, 800 x 600mm (31.5" x 23.6")
	Color		Black
<b>Accessories</b>	Standard		AC Power Cord, VGA Cable, HDMI Cable, USB Cable, Audio Cable, Stylus (x3), Remote Control, Wall Mount Kit, Wifi USB Dongle, Documentation Kit
	Optional		VKW21 PC Module (120Pin)

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