



NovoTouch
EK Series

4K UHD All-in-One
Touch Panel

Wireless Collaboration
BYOM | Digital Signage

The new NovoTouch EK series of interactive 4K displays offer the most complete solution for engaging hybrid meetings and classes.

The displays feature NovoConnect Wireless Collaboration, Video Conferencing, BYOM (optional) and NovoDS Digital Signage functionalities. NovoTouch is available in 65", 75" and 86" display sizes, all with UHD 4K resolution.

NovoTouch is designed to take business meetings and education sessions to a new level of collaboration and interaction.





Key Features



NovoConnect Wireless Collaboration

The NovoTouch EK series has built-in NovoConnect wireless presentation and collaboration tools for presentations and interactive engagement in the office or classroom.

Supports connections from 64 participants and up to 4 can share their screen simultaneously.

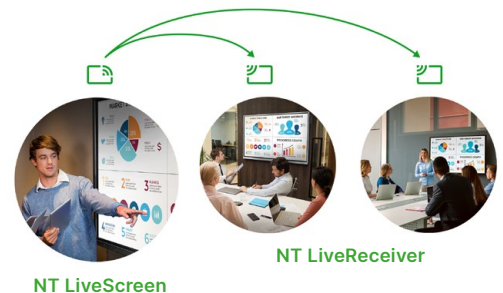


World Class Security- AES-256 Encryption, Password Protected, Dual Network Environment, ISO 27001 Certified.



NT LiveScreen

Duplicate the NovoTouch screen (with NT LiveScreen*) across the network to multiple displays (with NT LiveReceiver) in different rooms. This allows a large group of people to be split across breakout rooms and still share the same content.



NT Minutes

The NT Minutes app allows you to record any actions taken on the NovoTouch screen.



* up to 6 screen duplication



Bring Your Own Meeting (BYOM)

The BYOM driver is an optional upgrade to the NovoTouch. It enables the meeting moderator to control mainstream meeting peripherals such as cameras or audio devices directly from their laptop. Use with any video conferencing software such as Microsoft Teams, Zoom, Skype, Google meet or Webex for hybrid meeting and distance learning.

The BYOM driver is available for Windows and MacOS.



NovoDS Digital Signage

The built-in digital signage solution is easy to set up and manage via the optional NovoDS Cloud service or included NovoDS Studio software.

The user can toggle between the Wireless Collaboration and Digital Signage function to maximise the use of the display at any time.



4K UHD display for perfect detail

When sharing single video content, the display supports 4K resolution, while in collaboration mode, each split screen is shown in 1080p Full HD resolution.



Quality picture for optimal viewing and annotations

Backlit D-LED (IPS display) technology offers brighter pictures, flawless colours, richer textures, and extra wide viewing angles (178°/ 178°) with an incredibly sharp and crisp images.

Designed with Optical Bonding for better annotation and readability - high accuracy and fast response time.



Product Specifications

Model Name		EK655i	EK755i	EK865i
Display	Panel Size	65"	75"	86"
	Type/Technology	Backlit D-LED (IPS- ADS)		
	Brightness	500 cd/m2		
	Contrast Ratio	5000:1		
	Native Resolution	4K Ultra-HD (3840 x 2160)		
	Viewing Angle (H/V)	178° / 178°		
	Aspect Ratio	16:9		
	Refresh Rate (Hz)	60 Hz		
	Estimated Life Time	50,000 hours Digital Light Sensor embedded to auto detect ambient light and adjust display brightness for energy saving		
	Display Color (Bit)	1.07 Billion		
	Installation Orientation	Landscape		
Daily Operation (Hours/Days)	16/7			
Touch	Technology	Infrared Touch		
	Touch Points	Annotation	10 Points	
		Finger Touch	20 Points	
	Accuracy	Finger	±1.0mm (Over 90% area)	
		Passive Pen		
	Response Time	≤ 6ms		
	Touch Resolution	32,768 x 32,768		
Surface Protection	4mm Thick Toughened Glass (Level 7H on Mohs Scale of Mineral Hardness)			
Touch Tools	Finger, Stylus, Glove, Opaque Objects			
Operating System	System Version	Android™ v9 (v11available in 2023)		
	Internal Storage	64GB (eMMC Flash)		
	Eternal USB	Yes (FAT32 / NTFS)		
Connectivity	Input	Display	HDMI v2.0 x3(HDCP v2.2 Compliant), USB-C x1, VGA-In (x1)	
		Audio	Audio-In (3.5mm) x1	
	Output	Display	HDMI-Out v1.4 x1 1080p@60Hz	
		Audio	Audio-Out (3.5mm) x1, SPDIF-Out x1	
	Internet	LAN (RJ45, 10/100/1000M) x2		
	Control	RS232-In x1		
	Wireless	WiFi (USB Module)	WiFi 6; 802.11 a/b/g/n/ac/ax (2.4GHz/6GHz) USB dongle/ Built-in	
		Bluetooth	V5.0	
		I/R Receiver	Front x1 (±25° Angle, >8m Distance)	
	USB	Front	USB-A 2.0 x2	
Side		USB-A 3.0 x3, USB-B 2.0 x2 (For Touch Port), USB-C 3.1 (Power 65W) x1		
Bottom		USB-A 3.0 x1, USB-B 2.0 x2 (For Touch Port)		
Default Apps	Wireless Collaboration	Screen mirroring (NovoConnect SW/App), Screen duplication (up to 6) over the corporate network (NT LiveScreen/ NT LiveReceiver), White board (Note), Screen login protection (PIN Code / RFID / NFC Tag), Screen Recording (NT Minutes), BYOM (optional), Google Play, NT App Store		
	Platform compatibility (BYOD)	Windows, Ubuntu, MacOS, Chromebook		
	Digital Signage	Digital signage (NovoDS)		
Expansion	Windows (OPS)	Intel Standard 80 Pin OPS (Optional)		
Audio	Speakers	16W x2 (Stereo)		
Sensor	Light Sensor	Yes		
Device Management	Software/ Command	Free Software- Remote Manager. DMD, Supports Crestron IP command		
Power	Power Supply (Internal)	AC 100 - 240V, 50/60Hz (3.0A)	AC 100 - 240V, 50/60Hz (4.0A)	AC 100 - 240V, 50/60Hz (4.5A)
	Consumption	300W	400W	450W
	Standby Mode	<0.5W (Standby)		
Physical Characteristics	Dimension (L x H x D) mm	1,488.7 x 897× 92	1,709.39 x 1,020.05 x 91.2	1,957.4 x 1,160.1 x 91.4
	Weight	40.2 kg	52.2 kg	65.75 kg
	VESA Mounting (FPMPMI)	4 - M6 × 25mm, 600 x 400mm	6 - M8 × 25mm, 800 x 400mm	
	Color	Silver		
Accessories	Standard	AC Power Cord (3m), WiFi 6 USB Module, HDMI Cable, Touch USB Cable, Audio Cable, Stylus (x2), Remote Control (W/Batteries), Documentation Kit, Wall Mount Kit		
	Optional	LauncherPlus WQL400, LauncherPlusQL300, LauncherOne, Sensor Box (including Air Quality / Temperature Detector, Motion Sensor, NFC Reader, Proximity Sensor)		
Warranty	Standard	3-Year warranty on the panel		
	Education	5-Year warranty on the panel, where end customer is a school, university or training center. Education product registration required within 180 days of purchase for extended warranty to be valid.		

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