

EK Series All-in-One Solution



The new NovoTouch EK Series of interactive **4K** flat panels that integrate **Wireless Collaboration**, **Digital Whiteboard**, **Digital Signage** and **Video Conferencing** functionalities for Corporate & Education environment.



4K Resolution
20-point Touch



NovoConnect
Wireless Collaboration



NovoDS
Digital Signage



Video
Conferencing



NT APP Store
Productivity tools



Centralized
Management

Product Highlights

- Ultra-HD 4K (3,840 x 2,160) resolution for outstanding details and stunning visuals
- Backlit D-LED (IPS- ADS panel) technology to deliver brilliant image quality with Hyper-Viewing Angle
- Flawless touch annotation provides high accuracy, fast response time and smooth gesture recognition
- Anti-glare and durable surface for easy for added protection against scratches or screen damage
- Integrate Wireless Collaboration, Digital Whiteboard, Digital Signage and Video Conferencing functionalities for Corporate & Education environment
- Easy to use NovoConnect SW/App, Launchers, Web portal to share the content from any device (BOYD)
- Connect up to 64 users simultaneously, and allow 4 people to present on one display to facilitate large group work
- Duplicate your screen to multiple locations over the network
- World Class Security- AES-256 Encryption, Password Protected, Dual Network Environment, ISO 27001 Certified
- The IT manager can easily deploy, update, and control multiple units across a corporate network
- Built-in "NT App Store" - over 50 Apps and keep growing
- Switch seamlessly between Wireless Collaboration and Digital Signage
- 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
- Powerful front- facing stereo audio speakers 16W x2 and multiple audio-in/out ports
- Corporate software upgrade (Optional for Windows OPS module)
- Compatible with Plug and Play USB Launchers (Optional)

Product Specifications

| Model Name | | EK653i | EK753i | EK863i | |
|------------------|------------------------------|---|---|---|--|
| Display | Panel Size | 65" | 75" | 86" | |
| | Type/Technology | Backlit D-LED (IPS- ADS) | | | |
| | Brightness (Typ) | 350 cd/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) | 8 ms | | | |
| | Refresh Rate (Hz) | 60 Hz | | | |
| | Estimated Life Time (Typ) | 30, 000 Hours | | | |
| | Display Color (Bit) | 1.07 milliard | | | |
| | Installation Orientation | Landscape | | | |
| | Daily Operation (Hours/Days) | 16/7 | | | |
| Touch | Technology | Infrared Touch | | | |
| | Touch Points | 10 Points | | | |
| | Accuracy | Finger Touch | 20 Points | | |
| | | Finger | ± 1.5 mm (Over 90% area) | | |
| | Passive Pen | ± 1.5 mm (Over 90% area) | | | |
| | Response Time | <10ms | | | |
| | Touch Resolution | 32,768 x 32,768 | | | |
| | Annotation Thickness | 3mm | | | |
| | 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™ v8.0 | | | |
| | CPU | Multi-Core High-Performance ARM@CPU | | | |
| | GPU | 4*Mali™ G51 | | | |
| | RAM | 3GB DDR3 | | | |
| | Internal Storage | 16GB (eMMC Flash) (About 9GB User Availability) | | | |
| Connectivity | Input | Display | HDMI v2.0 (x3), VGA-In (x1) | | |
| | | Audio | Audio-In (3.5mm) (x1) | | |
| | Output | Display | HDMI-Out v2.0 (x1) | | |
| | | Audio | Audio-Out (3.5mm) (x1), SPDIF-Out (x1) | | |
| | Internet Control | LAN (RJ45) | (x1) | | |
| | | RS232-In | (x1) | | |
| | Wireless | Wifi (USB Module) | IEEE 802.11 a/b/g/n/ac (2.4GHz/5GHz) | | |
| | | I/R Receiver | Front (x1) (±25° Angle, >8m Distance) | | |
| | USB | Front | USB 2.0 (x2) | | |
| | | Side | USB3.0 (x3), USB Type B (x2)(For Touch Port) | | |
| Bottom | | USB 2.0 (x1) | | | |
| Default Apps | Wireless Collaboration | Screen mirroring (NovoConnect), Screen duplication over the corporate network (NT LiveScreen/ NT LiveReceiver), White board (Note), Screen login protection (Screen Lock), Screen Recording (NT Minutes), Video Conferencing (Zoom), Over 50 Apps Built-In (NT App Store) | | | |
| | Digital Signage | Digital signage (NovoDS) | | | |
| Optional Apps | Corporate package | Android NT Canvas Windows Screen mirroring (AirHub) | | | |
| Extension | Windows (OPS) | Intel Standard 80 Pin OPS | | | |
| Audio | Speakers | 16W x2 (Stereo) | | | |
| 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) | | | |
| Dimensions | Dimension (L x H x D)mm | 1,488.7 x 897x 92 (58.6" x 35.3" x 3.6") | 1,709.39 x 1,020.05 x 91.2 (67.3" x 40.1" x 3.6") | 1,957.4 x 1,160.1 x 91.4 (77.1" x 45.7" x 3.6") | |
| | Weight | 41.4kg (91.3lbs) | 55.3kg (122lbs) | 70.8kg (156.1lbs) | |
| | VESA Mounting (FPMPMI) | 4 - M8 x 25mm, 800 x 400mm (31.5" x 15.7") | | | |
| | Color | Grey | | | |
| Accessoires | Standard | AC Power Cord, VGA Cable, HDMI Cable, USB Cable, Audio Cable, Stylus (x2), Remote Control (W/Batteries), Wall Mount Kit, WiFi USB Module, Documentation Kit | | | |
| | Optional | LauncherPlus WQL400, LauncherPlus QL300 | | | |