

# NEC X401S, X461S and X551S

40", 46" and 55" LED edge-lit, super-slim professional-grade LCD displays

**A new class of public displays.** The 40" NEC X401S, 46" X461S and the 55" X551S are built to the highest standards and loaded with state-of-the-art innovation. LED edge lighting enables a mere 1.7" unit depth, creating installation opportunities in even the tightest of spaces. Equipped with a professional grade panel, these models deliver immaculate full HD image quality while operating 24/7. The X461S and X551S were the first in NEC's lineup to support Intel's Open Pluggable Specification (OPS), the first industry-wide standardization in option slots, simplifying installation, use and maintenance of digital signage.



## Highlights

- **Professional-grade LCD panel and components** meet even the most formidable digital signage industry requirements
- **1920 x 1080 FHD native resolution** in true 16:9 aspect ratio, maximum brightness of up to 700 cd/m<sup>2</sup> and typical contrast ratio of up to 4000:1
- **Lightweight, super-slim design** makes installations easier
- **Built in, standardized expansion slot** allows for seamless integration of NEC/third-party components, simplifying installations
- **Built-in tuner** available for broadcast applications (-AVT models)
- **TileMatrix™ technology** enables video walls (up to 100 displays in a 10x10 matrix)
- **DisplayPort connection** adds to the already robust terminal panel
- **Integrated DVI-D Out connection** allows for simple digital daisy chain
- **Simple Network Management Protocol** standards are met for controlling the display through LAN
- **Optional color calibration solution** ensures color uniformity and fidelity across individual and multiple screens, creating a perfectly matched image in tiled environments
- **Ethernet Control and Communication** provides the highest level of remote display management and includes such features as automatic email notification for diagnostic purposes
- **Carbon footprint meter** informs and motivates responsible use of the display by calculating and tracking carbon savings
- **Diverse input connectors** allows for maximum compatibility and flexibility during product implementation
- **ENERGY STAR® 5.1** is proudly offered for the X461S and X551S, which meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy, helping you save money and reduce greenhouse gas emissions



1.7"

# Specifications for X401S/X461S/X551S

MODEL	X401S	X461S	X551S
<b>LCD MODULE</b>			
Panel Technology	SPVA (P-DID)		
Viewable Image Size	40"	46"	55"
Native Resolution	1920 x 1080		
Brightness (Typical/Maximum)	500 cd/m <sup>2</sup> / 700 cd/m <sup>2</sup>		
Contrast Ratio (Typical)	3500:1	3000:1	4000:1
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10		
Aspect Ratio	16:9		
Active Screen Area (W x H)	34.9 x 19.6 in. / 885.6 x 498.2mm	40.1 x 22.5 in. / 1018.4 x 572.5mm	47.6 x 26.8 in. / 1209.6 x 680.4mm
Orientation	Landscape/Portrait		
Displayable Colors	More than 16.7 million		
<b>CONNECTIVITY</b>			
Supported Video Formats	720 x 400, 640 x 480, 800 x 600, 832 x 624, 1024 x 768, 1280 x 1024, 1600 x 1200, 1280 x 768, 1360 x 768, 1920 x 1080		
PC/Mac Signal Compatibility	Yes		
<b>Input Terminals</b>			
Digital	DisplayPort, HDMI, DVI-D		
Analog	VGA 15-pin D-sub, BNC Composite		
Audio	Audio Mini-Jack, DisplayPort Audio, HDMI Audio		
External Control	RS-232C, LAN, DDC/CI		
<b>Output Terminals</b>			
Digital	DVI-D		
Audio	Audio Mini-Jack, External Speaker Jack (2)		
External Control	RS-232C		
Digital Tuner	X401S-AVT	X461S-AVT	X551S-AVT
<b>POWER CONSUMPTION</b>			
On (Typical)	110W	135W	160W
Power Saving Mode	<1W		<2W
<b>PHYSICAL SPECIFICATIONS</b>			
Bezel Width (L/R, T/B)	0.7 in./0.7 in., 0.7in./0.7in.; 18mm/18mm, 18mm /18mm		
Net Dimensions (without stand; WxHxD)	36.4 x 21.1 x 1.7 in. / 925.1 x 537.1 x 43.3mm (w/o OPS card)	41.8 x 24.3 x 1.7 in. / 1062.7 x 618.1 x 43.3mm (w/o OPS card)	49.4 x 28.6 x 1.7 in. / 1254 x 726.3 x 43.3mm (w/o OPS card)
Net Weight (without stand)	32.8 lbs. / 14.9 kg	44.1 lbs. / 20 kg	55.1 lbs. / 25 kg
VESA Hole Configuration	300 x 300mm (4-hole)		
<b>ENVIRONMENTAL CONDITIONS</b>			
Operating Temperature	41-104°F / 5-40°C		
Operating Humidity	20 - 80%		
Operating Altitude	9843 ft. / 3000m		
<b>LIMITED WARRANTY</b>			
	3 years parts and labor, including backlight*		
<b>ADDITIONAL FEATURES</b>			
	Advanced thermal capabilities; Sealed panel design; Thin bezel; TileMatrix (10x10); TileComp; Separate group/Monitor ID function; Ethernet Control and Communication; RS-232 Control and Communication; Landscape/portrait capable; Carbon footprint meter; Plug and Play (DDC/CI, DDC2B); Scheduler (w/ real-time clock); Sharpness/softness adjustment; Screen saver function; Ambient light sensor; 6-axis color adjustment; Metal rear cabinet; POP; Side-by-Side; Handles; Variable picture modes; Advanced video settings (Noise Reduction, Adaptive Contrast); input labeling; Backlight adjust; Aspect ratio control; Built-in speaker; LED edge-lit backlighting; 10-bit color over HDMI; OPS/Expansion slot		
<b>SHIPS WITH</b>			
	Power cord; VGA cable (Mini 15-pin D-sub); Wireless remote control; Batteries; CD-ROM (user manual), Option board slot cover, Screws, Thumbscrews		
<b>OPTIONAL ACCESSORIES</b>			
Stand	ST-322	ST-4020	ST-5220
NEC	Display Wall Calibrator Kit (KT-LFD-CC); External Single Board Computer (TNETPC-ION); Stand (ST-322); Wall Mount Kit (WMK-3257); Accessory pack for Wall Mount Kit (MIS513); OPS with Intel Core i5 (N8000-8830); OPS with AMD Dual Core Fusion, 160GB Hard Drive, W7e (OPS-PCAF-WH); OPS with AMD Dual Core Fusion, 32GB SSD, W7e (OPS-PCAF-WS); OPS with AMD Dual Core Fusion, 160GB Hard Drive, No OS (OPS-PCAF-H); OPS with AMD Dual Core Fusion, 32GB SS, W7e (OPS-PCAF-S); OPS with Intel Core i5 and 32GB SSD (OPS-PCIC-5WS); OPS with Intel Core i5 and 250GB HDD; OPS with AMD Quad Core Fusion, 160GB Hard Drive, W7e (OPS-PCAFQ-WH); OPS with AMD Quad Core Fusion, 32GB SSD, W7e (OPS-PCAFQ-WS); OPS with AMD Quad Core Fusion, 160GB Hard Drive, No OS (OPS-PCAFQ-H); OPS with AMD Quad Core Fusion, 32GB SS, W7e (OPS-PCAFQ-S); OPS with Intel Atom, 160GB HDD, W7e (OPS-PCIA-WH); OPS with Intel Atom, 32GB SSD, W7e (OPS-PCIA-WS); OPS with Intel Atom, 160GB HDD, No OS (OPS-PCIA-H); OPS with Intel Atom, 32GB SSD, (OPS-PCIA-S)		

\* Warranty restrictions apply. Contact your representative for details.



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