

NEC X461S and X551S

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

A new class of public displays.

The 46" NEC 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 are also 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.



- **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 600 cd/m² 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
- **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
- **Rapid Response™ technology** delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video
- **Diverse input connectors** allows for maximum compatibility and flexibility during product implementation



1.7"

Specifications for X461S/X551S

MODEL	X461S	X551S
LCD MODULE		
Viewable Size (Diagonal)	46"	55"
Panel Technology	SPVA	
Native Resolution	1920 x 1080	
Pixel Pitch	0.53mm	0.63mm
Brightness (Typical)	500 cd/m ² (600 cd/m ² max.)	
Contrast Ratio (Typical)	3000:1	4000:1
Active Screen Area (W x H)	40.1 x 22.5 in. / 1018.4 x 572.5mm	47.6 x 26.8 in. / 1209.6 x 680.4mm
CONNECTIVITY		
Input Terminals		
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	
Output Terminals		
Digital	DVI-D	
Audio	Audio Mini-Jack, External Speaker Jack (2)	
External Control	RS-232	
FEATURES		
Additional Features	Advanced thermal capabilities; Sealed panel design; Thin bezel; TileMatrix (10x10); TileComp; Separate group/Monitor ID function; CableComp + ; 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 (AmbiBright); 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 speakers; LED edge-lit backlighting ; 10-bit color over HDMI; OPS/Expansion slot	
POWER		
Power Requirements	2.9A@100-120V, 1A@220-240V	2.4A@110-120V, 1.2A@220-240V
Power Consumption (Typical)	135W	155W
Power Consumption (Standby Mode)	< 2W	
PHYSICAL SPECIFICATIONS		
Bezel Width (L/R, T/B)	0.83 in./0.83 in., 0.83 in./0.83 in. ; 21mm/21mm, 21mm/21mm	0.83 in./0.83 in., 0.83 in./0.83 in. ; 21mm/21mm, 21mm/21mm
Dimensions (without stand; WxHxD)	41.8 x 24.3 x 1.7 in. / 1062.7 x 618.1 x 43.3mm (without OPS card)	49.4 x 28.6 x 1.7 in. / 1254 x 726.3 x 43.3mm (w/o OPS card)
Packaging Dimensions (WxHxD)	48.4 x 31.2 x 8.9 in. / 1230 x 792 x 225mm	56.3 x 36.2 x 9.8 in. / 1430 x 920 x 250mm
Net Weight (without stand)	44.1 lbs. / 20 kg	55.1 lbs. / 25 kg
Gross Weight (with box)	55.6 lbs. / 25.2 kg	66.4 lbs. / 30.2 kg
VESA Hole Configuration	300 x 300mm (4 hole)	
ENVIRONMENTAL CONDITIONS		
Operating Temperature	5 - 40°C / 41 - 104°F	
Operating Humidity	20 - 80%	
ACCESSORIES		
Included	Power cord; VGA cable (Mini 15-pin D-sub); Wireless remote control; Batteries; CD-ROM (user manual), Option board slot cover, Screws, Thumbscrews	
Optional	Display Wall Calibrator Kit (KT-46UN-CC); External Single Board Computer (TNETPC-ION); Stand (ST-4020); Wall Mount - Landscape (WM-46S-L); Wall Mount - Portrait (WM-46S-P); Wall Mount Kit (WMK-3257); Accessory pack for Wall Mount Kit (MIS513)	Display Wall Calibrator Kit (KT-46UN-CC); External Single Board Computer (TNETPC-ION); Stand (ST-5220); Wall Mount - Landscape (WM-55S-L); Wall Mount - Portrait (WM-55S-P); Wall Mount Kit (WMK-3257); Accessory pack for Wall Mount Kit (MIS513)
WARRANTY/SERVICE		
Limited Warranty	3 years parts and labor, including backlight*	

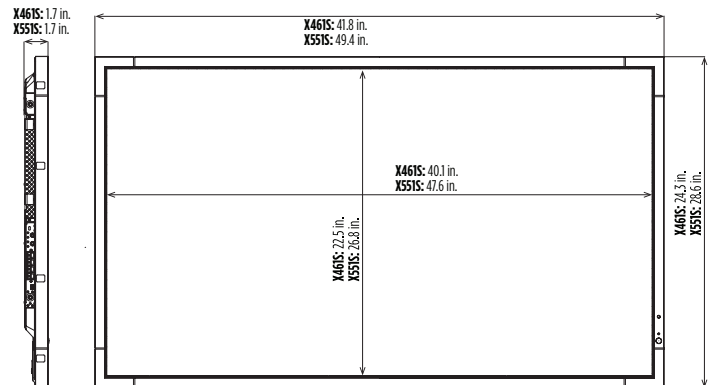
* Warranty restrictions apply. Contact your representative for details.



DisplayPort In, HDMI In, DVI-D In, DVI-D Out, VGA D-Sub In, BNC Composite, LAN Port, RS-232 In/Out



Audio Mini-Jack In, Audio Mini-Jack Out, Speaker Out, Internal/External Speaker Switch



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