

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.



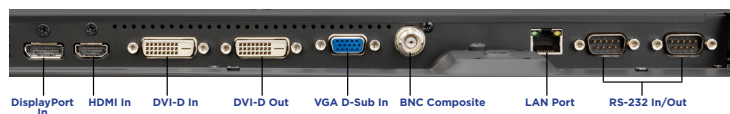
- ❑ **Professional-grade LCD panel and components** meet even the most formidable digital signage industry requirements
- ❑ **1920 x 1080 FHD native resolution** in true 16:9 aspect ratio, maximum brightness of 600 cd/m² and typical contrast ratio of up to 4000:1
- ❑ **Lightweight, super-slim design** 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



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

X461S: 1.7 in.
X551S: 1.7 in.

