# NEC X401S, X462S and X552S

*LED edge-lit, super-slim, professional-grade LCD displays*

**A new class of public displays.** The 40" NEC X401S, 46" X462S and the 55" X552S are built to the highest standards and loaded with state-of-the-art innovation. LED edge lighting enables a mere 1.8" 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. These models support Intel's Open Pluggable Specification (OPS), the first industry-wide standardization in option slots, simplifying installation, use and maintenance of digital signage.

## Quality is Never an Accident

Professional-grade display construction with proven thermal and mechanical design ensures a flawless 24/7 operation in even the harshest environments

- Lightweight, super-slim design makes installations easier
- Built-in standardized expansion slot allows for seamless integration of accessories

## Beauty is in the Eye of the Beholder

Providing a first-class solution for digital signage applications with bright, high-contrast, full high-definition panels across a variety of product sizes

- 700 cd/m$^2$ in concert with 1920 x 1080 FHD native resolution delivers stunning imagery
- Optional color calibration ensures color uniformity and fidelity

## It's Not Easy Being Green

Eco-friendly features are aplenty, with LED backlighting decreasing energy consumption and lowering total cost of ownership

- Carbon footprint meter informs and motivates responsible use of the display by calculating and tracking carbon savings
- LED backlights are mercury-free and minimize cabinet depth

## Impact. Delivered.

NEC's X Series super-slim displays' thin bezel design and enhanced video wall capabilities allow you to expand your messaging options

- Integrated DVI-D out connection enables digital loop-through capabilities
- TileMatrix™ and TileComp™ technologies enable near-seamless video walls up to 100 displays in a 10x10 configuration

necdisplay.com **NEC**

# Specifications for X401S/X462S/X552S

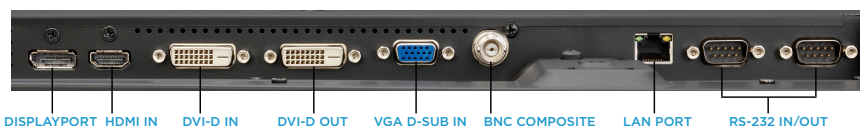| MODEL | X401S | X462S | X552S |
|---|---|---|---|
| QUICK SPECS | LED BACKLIT / Built-in speaker / Eco-friendly / OPS | LED BACKLIT / Built-in speaker / Eco-friendly / OPS | LED BACKLIT / Built-in speaker / Eco-friendly / OPS |
| **LCD MODULE** | | | |
| Panel Technology | SPVA (P-DID) | | |
| Viewable Image Size | 40" | 46" | 55" |
| Native Resolution | 1920 x 1080 | | |
| Brightness (Typical/Maximum) | 500 cd/m² / 700 cd/m² | | |
| Contrast Ratio (Typical) | 3500:1 | 3000:1 | |
| 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 | | |
| **CONNECTIVITY** | | | |
| PC/Mac Signal Compatibility | Yes | | |
| **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-232C | | |
| **Digital Tuner** | X401S-AVT | X462S-AVT | X552S-AVT |
| **POWER CONSUMPTION** | | | |
| On (Typical) | 110W | 135W | 160W |
| Power Saving Mode | <1W | <2W | |
| **PHYSICAL SPECIFICATIONS** | | | |
| 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) | 41.6 x 24.1 x 1.8 in. / 1056.2 x 611.6 x 46.1mm (w/o OPS card) | 49.2 x 28.5 x 1.8 in. / 1250.4 x 722.7 x 46.1mm (w/o OPS card) |
| Net Weight (without stand) | 32.8 lbs. / 14.9 kg | 48 lbs. / 21.8 kg | 55.1 lbs. / 25 kg |
| VESA Hole Configuration | 300 x 300mm (4-hole) | | |
| **ENVIRONMENTAL CONDITIONS** | | | |
| Operating Temperature | 41-104°F / 5-40°C | | |
| Operating Humidity | 20 - 80% | | |
| Operating Altitude | 9843 ft. / 3000m | | |
| **LIMITED WARRANTY** | 3 years parts and labor, including backlight* | | |
| **ADDITIONAL FEATURES** | 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 | | |
| **SHIPS WITH** | Power cord; VGA cable (Mini 15-pin D-sub) for X401S/-AVT only; 1.8m DVI-D cable for X462S/-AVT and X552S/-AVT only; Wireless remote control; Batteries; CD-ROM (user manual), Option board slot cover, Screws, Thumbscrews | | |
| **OPTIONAL ACCESSORIES** | | | |
| Stand | ST-322 | ST-4020 | ST-5220 |
| Wall Mount | Wall Mount Kit (WMK-3257); Slim Wall Mount Kit (WMK-4655S-Landscape Only) | Wall Mount Kit (WMK-3257); Slim Wall Mount Kit (WMK-4655S-Landscape Only); Wall Mount - Landscape (WM-46S-L); Wall Mount - Portrait (WM-46S-P) | Wall Mount Kit (WMK-3257); Slim Wall Mount Kit (WMK-4655S-Landscape Only); Wall Mount - Landscape (WM-55S-L); Wall Mount - Portrait (WM-55S-P) |
| NEC | Display Wall Calibrator Kit (KT-LFD-CC); External Single Board Computer (TNETPC-AF-WH); All NEC OPS Computers | | |

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

## Icon Key

- **LED** LED-backlit
- **Built-in speaker**
- **Eco-friendly**
- **OPS** OPS-compliant

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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