

# NEC X551UN

55" ultra-narrow, professional-grade LCD display ideal for video wall applications

**Transform your video walls** with the immaculate high definition of the 55" NEC X551UN. Direct LED backlighting attributes to reduced power consumption and improved edge-to-edge brightness uniformity, while a mere 5.5mm separates active screen areas between neighboring displays to ensure a smooth transition from screen-to-screen in video wall matrices. This display is ideal for digital signage, boardrooms, entrance lobbies and broadcast applications, and can be deployed in video wall applications up to 10 x 10 in size.



- ❑ **LED direct backlighting source** allows even distribution of light across the panel, resulting in improved uniformity from bezel-to-bezel
- ❑ **Professional-grade LCD panel and components** meet even the most formidable digital signage industry requirements
- ❑ **1920 x 1080 full HD resolution** allows for crisper, more lifelike imaging
- ❑ **Ground-breaking ultra-narrow bezel** of 5.5mm (screen-to-screen) creates a nearly seamless video wall
- ❑ **TileMatrix™ technology** enables video walls (up to 100 displays in a 10x10 matrix)
- ❑ **Digital loop through** includes DVI-D (with HDCP) and DisplayPort
- ❑ **Simple Network Management Protocol** standards are met for controlling the display through LAN
- ❑ **Built-in expansion slot** allows for seamless integration of NEC-branded option cards as well as Intel's Open Pluggable Specification (OPS)-certified cards
- ❑ **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
- ❑ **Optional wall mount and bezel kit** simplifies your installation and enhances the aesthetics of your video wall



## Specifications for X551UN

<b>Model</b>	<b>X551UN</b>
<b>LCD MODULE</b>	
Viewable Size (Diagonal)	55"
Panel Technology	SPVA
Native Resolution	1920 x 1080
Pixel Pitch	0.63mm
Brightness (typical)	500 cd/m <sup>2</sup> (700 cd/m <sup>2</sup> max.)
Contrast Ratio (typical)	4000:1
Active Screen Area (W X H)	47.6 x 26.8 in. / 1209.6 x 680.4mm
<b>CONNECTIVITY</b>	
<b>Input Terminals</b>	
Digital	DisplayPort, HDMI, DVI-D
Analog	15-pin D-sub, 5BNC (RGBHV, DVD/HD or Video), BNC Composite, S-Video
Audio	RCA Audio, DisplayPort Audio, HDMI Audio, Stereo Mini-Jack In x 2
External Control	RS-232, RJ-45 LAN, DDC/CI, IR Remote
<b>Output Terminals</b>	
Digital	DisplayPort, DVI-D
Analog	BNC Composite
Audio	Stereo Mini-Jack
External Control	RS-232, IR Remote
<b>FEATURES</b>	
Additional Features	Ultra-narrow bezel; Advanced thermal capabilities; Advanced cooling system; 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; Kensington lock; Handles; Variable picture modes; Advanced video settings (Noise Reduction, Adaptive Contrast); Input labeling; Backlight adjust; Aspect ratio control; Built-in speakers; 10-bit color over HDMI; OPS/Expansion slot; LED Direct-lit Backlighting
<b>POWER</b>	
Power Requirements	4.1A @ 100-120V AC; 1.65A @ 220-240V AC
Power Consumption (typical)	190W
Power Consumption - ECO Standby	< 1W
<b>PHYSICAL SPECIFICATIONS</b>	
Bezel Width (L/R, T/B)	0.15 in./0.07 in., 0.15 in./0.07 in. ; 3.7mm/1.8mm, 3.7mm/1.8mm
Dimensions (without stand; WxHxD)	47.8 x 27 x 5 in. /
Packaging Dimensions (WxHxD)	TBD
Net Weight (without stand)	TBD
Gross Weight (without pallet)	TBD
VESA Hole Configuration	400 x 400mm (4 hole)
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating Temperature	5° - 40°C / 41° - 104°F
Operating Humidity	20 - 80% (without condensation)
<b>ACCESSORIES</b>	
Included	Power cord, VGA 15-pin cable, remote control cable, CD-ROM, cable cover, thumbscrew x 2, screw x 5, clamp x 3, eyebolt x 2
Optional	Remote/Ambient Control Kit (KT-RC), Over-Frame Kit (KT-55UN-OF), Display Wall Calibrator Kit (KT-46UN-CC), Wall mount (landscape - WM-55UN-L; portrait - WM-55UN-P), Wall mount (WMK-3257), HD-SDI Expansion Board (SB-L007KK), Single Board Computer (NET-SBC-01/02/03), IPTV Tuner (MPD-DT1), stand (ST-5220), External computer (TNETPC-10N)
<b>WARRANTY/SERVICE</b>	
Limited Warranty	3 years parts and labor, including backlight

### Image Gap Comparison

#### NEC P551



↕ 33mm

#### NEC X551UN



5.5mm

**The X551UN's ultra-narrow bezel allows for a screen-to-screen distance between two neighboring displays of only 5.5mm, close to 450% improvement compared to its previously revolutionary 33mm P Series displays.**



*The X551UN supports Intel's Open Pluggable Specification (OPS), the first industry-wide standardization in option slots, simplifying installation, use and maintenance of digital signage.*

