

NEC X461UNV

46" ultra-narrow, low-brightness, professional-grade LCD display
ideal for video wall applications

Transform your video walls. Ideal for low ambient light environments, the 46" NEC X461UNV has a maximum brightness of 450 cd/m², while maintaining a mere 7.3mm distance between neighboring displays. Ideal for digital signage and broadcast applications, the display can be deployed in video wall matrices of up to 10x10 (100 displays), creating a total surface area of approximately 645 sq ft. The barely discernable transition gap between displays ensures a homogenous picture across the matrix.



- ❑ **Professional-grade LCD panel and components** meet even the most formidable digital signage industry requirements
- ❑ **1366 x 768 WXGA native resolution** in true 16:9 aspect ratio, maximum brightness of 450 cd/m² and typical contrast ratio of 3000:1
- ❑ **Ground-breaking ultra-narrow bezel** of 7.3mm (screen-to-screen) creates a nearly seamless video wall
- ❑ **TileMatrix™ technology** enables video walls (up to 100 displays in a 10x10 matrix)
- ❑ **DisplayPort connection** adds to the already robust terminal panel
- ❑ **Simple Network Management Protocol** standards are met for controlling the display through LAN
- ❑ **Built-in expansion slot** allows for seamless integration of current and future NEC accessories and third-party components
- ❑ **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
- ❑ **ENERGY STAR 5.0** criteria is proudly met for the X461UNV, which follows 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



Specifications for X461UNV

Model	X461UNV
LCD MODULE Viewable Size (Diagonal) Panel Technology Native Resolution Pixel Pitch Brightness (typical) Contrast Ratio (typical) Active Screen Area (W X H)	46" SPVA 1366 x 768 0.746mm 390 cd/m ² (450 cd/m ² max.) 3000:1 40.1 x 22.5 in. (1018.4 x 572.5mm)
CONNECTIVITY Input Terminals Digital Analog Audio External Control Output Terminals Analog Audio External Control	DisplayPort, HDMI, DVI-D Analog D-sub, 5BNC (RGBHV), BNC Composite, RCA Composite (Y, Cb/Pb, Cr/Pr), S-Video RCA Audio x 2, DisplayPort Audio, HDMI Audio RS-232, RJ-45 LAN, DDC/CI, IR Remote 5 BNC (RGBHV), BNC Component Stereo Mini-Jack, RCA Audio RS-232, IR Remote
FEATURES Additional Features	Ultra-narrow bezel, SNMP support, Ethernet monitor and control, commercial-grade sealed panel, advanced cooling system for 24/7 operation, expansion slot, programmable lookup tables, Plug and Play (DDC/CI, DDC2B), PIP (remote), POP, 6-axis color adjustment, multi-level programmable zoom, TileMatrix (up to 10x10), TileComp, video ready, scheduler (w/ RTC), sharpness/softness, off-timer (countdown), screen saver, vacation switch, 10-bit gamma, AutoBright (signal input), Windows Vista Premium-certified, portrait-capable; Kensington lock; closed captioning, serial number display
POWER Power Requirements Power Consumption (typical) Power Consumption - ECO Standby	2.9A @ 100-120V AC; 1.2A @ 220-240V AC 125W (185W max.) < 2W
PHYSICAL SPECIFICATIONS Bezel Width (L/R, T/B) Dimensions (without stand; WxHxD) Packaging Dimensions (WxHxD) Net Weight (without stand) Gross Weight (without pallet) VESA Hole Configuration	0.18 in./0.12 in., 0.18 in./0.12 in. ; 4.6mm/2.7mm, 4.6mm/2.7mm 40.4 x 22.8 x 5 in. / 1025.7 x 579.8 x 128.1mm 50.3 x 33 x 12.3 in. / 1278 x 837 x 312mm 59.1 lbs. / 26.8 kg 75.8 lbs. / 34.4 kg 300 x 300mm (4 hole)
ENVIRONMENTAL CONDITIONS Operating Temperature Operating Humidity	5° - 40°C / 41° - 104°F 20 - 80%
ACCESSORIES Included Optional	Power cord, VGA 15-pin cable, remote control cable, CD-ROM, cable cover, thumbscrew x 2, screw x 9, clamp x 3 Remote/Ambient Control Kit (KT-RC), Over-Frame Kit (KT-46UN-OF), Display Wall Calibrator Kit (KT-46UN-CC), Wall mount (landscape - WM-46UN-L; portrait - WM-46UN-P), Wall mount (WMK-3257), DVI Daisy Chain Expansion Board (SB-L008WU), HD-SDI Expansion Board (SB-L007KK), Single Board Computer (NET-SBC-01/02/03), IPTV Tuner (MPD-DTi), stand (ST-4620), External computer (TNETPC-ION)
WARRANTY/SERVICE Limited Warranty	3 years parts and labor, including backlight

Image Gap Comparison

NEC V461



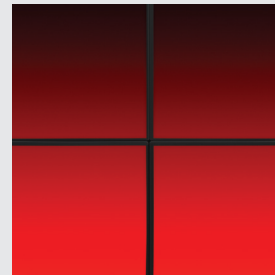
90mm

NEC P461



33mm

NEC X461UNV



7.3mm

The X461UNV's ultra-narrow bezel allows for a screen-to-screen distance between two neighboring displays of only 7.3mm, a more than 1200% improvement over the standard bezel width from NEC's 90mm V Series and close to 450% compared to its previously revolutionary 33mm P Series displays.

