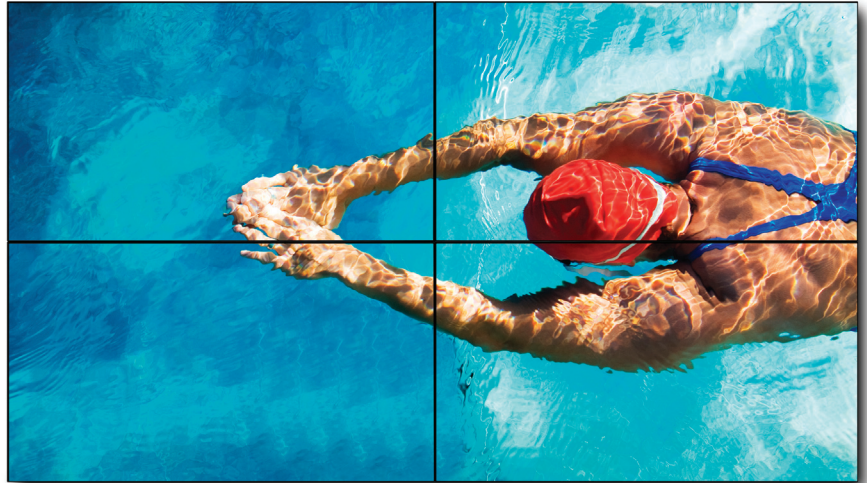


# NEC MultiSync® X461UN

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

**Revolutionize your video walls.** The ultra-narrow bezel of the 46" NEC MultiSync X461UN allows for a screen-to-screen distance between two neighboring displays of a mere 7.3mm, a near 450% improvement over NEC's previous generation large-screen 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
- ❑ **1360 x 768 WXGA native resolution** in true 16:9 aspect ratio, maximum brightness of 700 cd/m<sup>2</sup> 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)
- ❑ **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



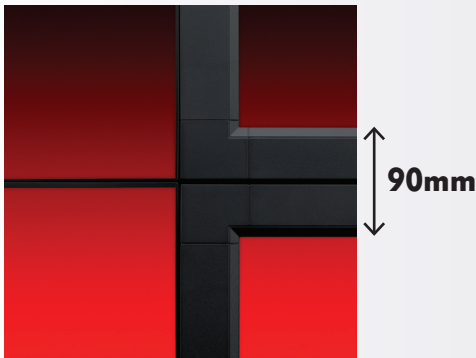
**PRELIMINARY**

## Specifications for X461UN

|   |  |
|---|--|
| Model   | <b>X461UN</b>  |
| <b>LCD MODULE</b><br>Viewable Size (Diagonal)<br>Panel Technology<br>Native Resolution<br>Pixel Pitch<br>Brightness (typical)<br>Contrast Ratio (typical)<br>Active Screen Area (W X H)   | 46"<br>SPVA<br>1360 x 768<br>0.746mm<br>500 cd/m <sup>2</sup> (700 cd/m <sup>2</sup> max.)<br>3000:1<br>40.1 x 22.5 in. (1018.4 x 572.5mm)   |
| <b>CONNECTIVITY</b><br>Input Terminals<br>RGB1 (Digital)<br>RGB2 (Analog)<br>RGB3 (Analog)<br>Video 1<br>Video 2<br>Video 3<br>Component Video 1 (DVD/HD)<br>Audio<br>External Control<br>Output Terminals<br>RGB<br>Video<br>Audio<br>External Control | DVI-D<br>Analog D-sub<br>Analog BNC (RGBHV)<br>Composite (Shared RCA and BNC)<br>S-Video<br>HDMI<br>Component BNC<br>4: RCA (L/R) x 2: Stereo MiniJack; HDMI<br>LAN RJ-45, RS-232, DDC/CI<br><br>Loop-out RGB3<br>Loop-out BNC (Composite/Component) - Video 1, Component<br>Loop-out Stereo RCA<br>RS-232 out for multiple monitor control, RJ-45, DDC/CI   |
| <b>FEATURES</b><br>Additional Features  | Ultra-narrow bezel, 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, |
| <b>POWER</b><br>Power Requirements<br>Power Consumption (typical)<br>Power Consumption - Standby Mode   | AC 100-240V @ 50/60Hz<br>200W (330W max.)<br>< 1W  |
| <b>PHYSICAL SPECIFICATIONS</b><br>Bezel Width (R/B, T/L)<br>Dimensions (without stand; WxHxD)<br>Packaging Dimensions (WxHxD)<br>Net Weight (without stand)<br>Gross Weight (without pallet)<br>VESA Hole Configuration                                 | 0.12 in. / 2.7mm, 0.18 in. / 4.5mm<br>40.4 x 22.8 x 5 in. / 1025.7 x 579.8 x 128.13mm<br>50.3 x 33 x 12.3 in. / 1278 x 837 x 312mm<br>63.3 lbs. / 28.7 kg<br>79.4 lbs. / 36 kg<br>300 x 300mm (4 hole)   |
| <b>ENVIRONMENTAL CONDITIONS</b><br>Operating Temperature<br>Operating Humidity  | 5° - 40°C / 41° - 104°F<br>20 - 80%  |
| <b>ACCESSORIES</b><br>Included<br>Optional  | AC power cord, setup sheet, 15-pin D-sub video cable, CD-ROM<br>Remote control kit (KT-46UN-RC), frame kit (KT-46UN-OFF), wall mount kit (WM-46UN), stand (ST-4620), Digital Signage Kit (DSK3260)   |
| <b>WARRANTY/SERVICE</b><br>On-Site Limited Warranty   | 3 years parts and labor, including backlight   |

## Image Gap Comparison

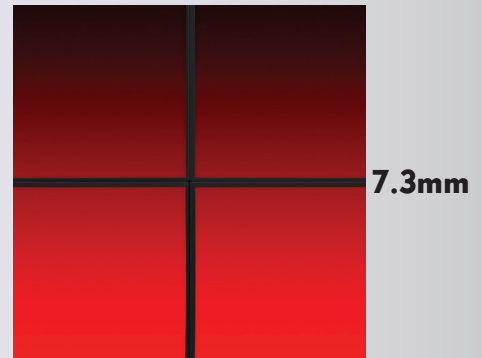
**NEC MultiSync LCD4615**



**NEC MultiSync LCD4620**



**NEC MultiSync X461UN**



**The X461UN'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 MultiSync 15 Series and close to 450% compared to its previously revolutionary 33mm MultiSync 20 Series displays.**