

NEC X462UNV

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



Transform your video walls.

Ideal for low ambient light environments, the direct LED-backlit 46" NEC X462UNV has a maximum brightness of 450 cd/m², while maintaining a mere 5.7mm distance between neighboring displays. Ideal for digital signage and broadcast applications, the display can be deployed in video wall configurations up to 10 x 10 (100 displays), creating a total surface area of approximately 645 sq ft. The barely discernible transition gap between displays ensures a homogenous picture across the matrix.

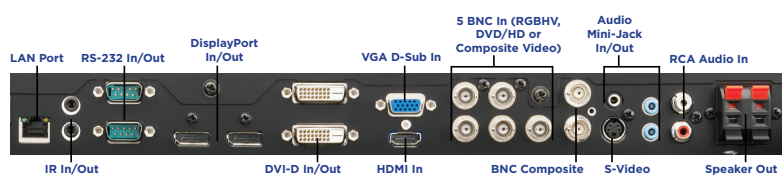
Features

- **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, allowing for 24/7 run times
- **1920 x 1080 full HD resolution** allows for crisper, more lifelike imaging
- **Ground-breaking ultra-narrow bezel of 5.7mm (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
- **Optional overframe bezel kit** simplifies your installation and enhances the aesthetics of your video wall

Specifications for X462UNV

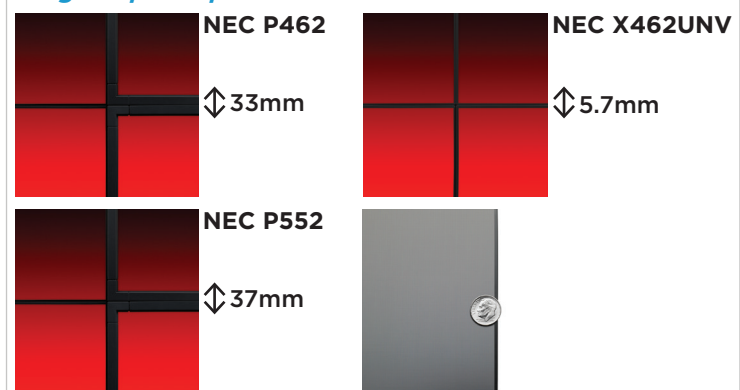
MODEL	X462UNV
LCD MODULE	
Panel Technology	SPVA (P-DID)
Viewable Image Size	46"
Native Resolution	1920 x 1080
Brightness (Typical/Max)	320/450 cd/m ²
Contrast Ratio (Typical)	3500:1
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Response Time (white to black)	8ms
Aspect Ratio	16:9
Active Screen Area (W x H)	40.1 x 22.5 in. / 1018.1 x 572.7mm
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, 5 BNC (RGBHV, DVD/HD or Video), BNC Composite, S-Video
Audio	RCA Audio, Stereo Mini-Jack (2), HDMI Audio
External Control	RS-232C, LAN, IR Remote, DDC/CI
Output Terminals	
Digital	DisplayPort, DVI-D
Analog	BNC Composite
Audio	Stereo Mini-Jack, External Speaker Jack (2)
External Control	RS-232C, IR Remote
POWER CONSUMPTION	
On (Typical)	120W
ECO Mode Standby	<1W
PHYSICAL SPECIFICATIONS	
Bezel Width (L/R, T/B)	0.15 in./0.075 in., 0.15 in./0.075 in. ; 3.8mm/1.9mm, 3.8mm/1.9mm
Net Dimensions (without stand; WxHxD)	40.3 x 22.8 x 4.6 in. / 578.6 x 1024 x 118.1mm
Net Weight (without stand)	57.5 lbs. / 26.1 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	13,780 ft. / 4200m
LIMITED WARRANTY	
	3 years parts and labor, including backlight*
ADDITIONAL FEATURES	
	LED direct backlighting; Ultra-narrow bezel; Advanced thermal capabilities; Advanced cooling system; 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; OPS/Expansion slot; Custom detect options
SHIPS WITH	
	Power cord; 1.8m DVI-D cable; Wireless remote control; Batteries; CD-ROM (user manual); Option board slot cover; Screws; Thumbscrews
OPTIONAL ACCESSORIES	
NEC	Display Wall Calibrator Kit (KT-LFD-CC); External Single Board Computer (TNETPC-ION); NEC OPS computers and accessories

* Warranty restrictions apply. Contact your representative for details.



The X462UNV supports Intel's Open Pluggable Specification (OPS), the first industry-wide standardization in option slots, simplifying installation, use and maintenance of digital signage.

Image Gap Comparison



NEC's ultra-narrow-bezel displays allow for a screen-to-screen distance between two neighboring displays as thin as 5.5mm, close to 450% improvement compared to its previously revolutionary P Series displays.

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