

# NEC V Series

32" - 65" high-performance, commercial-grade LCD displays

## Maximize your messaging without having to maximize your budget.

The NEC V Series, featuring the 32" V321-2, 42" V422, 46" V462, 55" V551 and 65" V651, provides a cost-conscious solution for your digital signage applications. Their high-performance panel and abundance of advanced technologies promote extended use, while an adaptable mechanical design make these displays ideal for a wide variety of environments. Drive foot traffic and sales in retail stores. Whet appetites in restaurants. Build brand awareness and turn heads during presentations in corporate lobbies and conference rooms. With the V Series, you can create dynamic digital signage solutions in virtually any space and achieve your business goals. Pluggable Specification (OPS), the first industry-wide standardization in option slots, simplifying installation, use and maintenance of digital signage.



## Highlights

- **Expanded connectivity with built-in expansion slot** allows for seamless integration of current and future NEC accessories and third-party components\*
- **Commercial-grade design** leads to the displays' extended use for various applications
- **Public-display-grade panel** protects against permanent image retention
- **Comprehensive input panel**, including DisplayPort\*, HDMI, 5 BNC (RGBHV, DVD/HD, or composite video), DVI-D (in/out\*), and 15-pin D-sub in/out, connects you to the latest peripherals
- **High brightness and contrast ratio** help create eye-catching images and crisp, easy-to-read text
- **Protective-glass and touch-panel ready design** provide opportunities for module protection and interactivity
- **Integrated 10W speakers\*** provide stereo audio for those applications requiring sound
- **TileMatrix™** allows you to create video walls in up to 10 x 10 matrices\*
- **TileComp™** works in tandem with TileMatrix to compensate for the bezel width and create a more seamless video wall
- **Landscape and portrait orientations** allow for flexible content placement, maximizing audience awareness\*
- **Extensive control, diagnostic and communication** provide the highest level of remote display management. These include:
  - **RS-232-enabling multi-display control and daisy chain** allows for individual and group-addressable control, and simple, effective setup and monitoring of the display
  - **Ethernet connectivity** adds the same RS-232 control plus automatic email notification for diagnostic purposes
  - **NaViSet™ software\*** offers an intuitive graphical interface, allowing for easy adjustment of display settings via mouse and keyboard. NaViSet Administrator provides all the advanced control to remotely located IT professionals.
  - **DDC/CI standard\*** allows for PC control of the display based on the VESA command set
- **Scheduler with round-the-clock feature** allows for 7-day scheduling of content and powering of the display
- **Extensive environment-friendly components** contribute to significant energy savings and a lower total cost of ownership
- **Text ticker** enables you to dedicate a portion of the screen to applications such as emergency warnings or news updates via a separate input. While your primary content is displayed via one input and fills the majority of the screen, your secondary ticker information can be displayed on the lower/remaining portion of the screen via a second input.
- **6-axis color control** allows for precise and simplified color, color temperature and saturation adjustment
- **Built-in handles**, available with larger-sized models, allow for easier transport and installation
- **ENERGY STAR® 5.0\*** is proudly offered for select V Series displays, which meet 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

\* available on select V Series models

# Specifications for V321-2/V422/V462/V551/V651

MODEL	V321-2	V422	V462	V551	V651
<b>LCD MODULE</b>					
Panel Technology	SPVA (TV+)	S-IPS	SPVA (B-DID)		A-MVA
Viewable Image Size	32"	42"	46"	55"	65"
Native Resolution	1366 x 768		1920 x 1080		
Brightness (Typical)	450 cd/m <sup>2</sup>	370 cd/m <sup>2</sup>	340 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
Contrast Ratio (Typical)	3000:1	1300:1	3000:1		
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10				
Response Time (G-to-G)	8ms	10ms	8ms		
Aspect Ratio	16:9				
Active Screen Area (W x H)	27.5 x 15.4 in. / 697.6 x 392.3mm	36.6 x 20.6 in. / 930.2 x 523.3mm	40.1 x 22.6 in. / 1018.1 x 572.9mm	47.6 x 26.8 in. / 1209.6 x 680.4mm	56.2 x 31.6 in. / 1428.5 x 803.5mm
Orientation	Landscape/Portrait				Landscape
Displayable Colors	More than 16.7 million				
<b>CONNECTIVITY</b>					
Supported Video Formats	720 x 400, 640 x 480, 800 x 600, 832 x 624, 1024 x 768, 1280 x 1024, 1600 x 1200, 1280 x 768, 1360 x 768		720 x 400, 640 x 480, 800 x 600, 832 x 624, 1024 x 768, 1280 x 1024, 1600 x 1200, 1280 x 768, 1360 x 768, 1920 x 1080		
PC/Mac Signal Compatibility	Yes				
<b>Input Terminals</b>					
Digital	HDMI, DVI-D	DisplayPort, HDMI, DVI-D			
Analog	VGA 15-pin D-sub, 5 BNC (RGBHV, DVD/HD or Video), BNC Composite, S-Video				
Audio	RCA Audio (2), Stereo Mini-Jack	RCA Audio, Stereo Mini-Jack (2), HDMI Audio, DisplayPort Audio			
External Control	RS-232, IR Remote, DDC/CI	RS-232C, Ethernet (RJ45), IR Remote, DDC/CI			
<b>Output Terminals</b>					
Digital	NA	DVI-D			
Analog	VGA 15-pin D-sub, BNC Composite	BNC Composite			
Audio	RCA Audio, External Speaker Jack (2)	Stereo Mini-Jack, External Speaker Jack (2)			
External Control	RS-232	RS-232C, IR Remote			
Digital Tuner	NA	V422-AVT	V462-AVT	V551-AVT	V651-AVT
<b>POWER CONSUMPTION</b>					
On (Typical)	75W	155W	165W	200W	330W
ECO Mode Standby	<1W	<2W	<1W		
<b>PHYSICAL SPECIFICATIONS</b>					
Bezel Width (L/R, T/B)	1.7 in./1.7 in., 1.6 in./1.6 in. ; 43mm/43mm, 41mm/41mm	1.8 in./1.8 in., 1.7 in./1.7 in. ; 46mm/46mm, 43mm/43mm	2 in./2 in., 1.8 in./1.8 in. ; 51mm/51mm, 46mm/46mm	2.04 in./2.04 in., 1.8 in./1.8 in. ; 52mm/51mm, 46mm/46mm	2.1 in./2.1 in., 2 in./2 in. ; 53mm/53mm, 51mm/51mm
Net Dimensions (without stand; WxHxD)	31.1 x 18.8 x 5.2 in. / 789 x 476.3 x 133mm	40.3 x 24.2 x 4.2 in. / 1022.9 x 613.5 x 105.6mm	44.2 x 26.2 x 4.2 in. / 1121.5 x 664.7 x 107mm	51.9 x 32.1 x 15.7 in. / 1317.8 x 815.3 x 400mm	60.6 x 35.8 x 4.7 in. / 1540.4 x 909.2 x 118.9mm
Net Weight (without stand)	31.5 lbs. / 14.3 kg	48.5 lbs. / 22 kg	55.8 lbs. / 25.3 kg	81.8 lbs. / 36 kg	118.6 lbs. / 53.8 kg
VESA Hole Configuration	400 x 200mm (12-hole)	300 x 300mm (4-hole)		400 x 400mm (4-hole)	
<b>ENVIRONMENTAL CONDITIONS</b>					
Operating Temperature	41-104°F / 5-40°C				
Operating Humidity	20 - 80%				
Operating Altitude	9843 ft. / 3000m				
<b>LIMITED WARRANTY</b>					
3 years parts and labor, including backlight*					
<b>ADDITIONAL FEATURES</b>					
Standard bezel; Sealed panel design; Ethernet Control and Communication; TileMatrix (10x10; 5x5 for V321-2); TileComp; Programmable lookup tables; Plug and Play (DDC/CI, DDC2B); PIP/POP/side-by side picture; 6-axis color adjustment; 10-bit gamma; Multi-level programmable zoom; Scheduler (w/ RTC); Sharpness/softness; Off-timer (countdown); Screen saver; Vacation switch; AutoBright (signal input); Windows Vista-certified; Portrait-capable (except V651); Touch- and protective screen-ready; Color temperature adjustment (2600-10,000K); Custom input detection (V422/V462/V551/V651)					
<b>SHIPS WITH</b>					
Power cord; VGA cable (Mini 15-pin D-sub); Wireless remote control; Batteries; Main switch cover; CD-ROM (user manual); Clamp; Screws					
<b>OPTIONAL ACCESSORIES</b>					
NEC Speakers	SP-321S	SP-RM1; SP-4046PV		SP-RM1	
NEC Stands	ST-321S	ST-4020		ST-5220	ST-651
NEC Misc.	External Single Board Computer (TNETPC-ION); External TV tuner (TVBOX); Wall Mount Kit (WMK-3257); Accessory pack for Wall Mount Kit (MIS513)	Single Board Computer (NET-SBC-01); Single Board Computer (NET-SBC-02); Single Board Computer (NET-SBC-03); External Single Board Computer (TNETPC-ION); Internal HD-SDI Card (SB-LO07Kk); DVI Daisychain (SB-LO08WU); Digital IP Tuner (MPD-DTI); External TV tuner (TVBOX); Wall Mount Kit (WMK-3257); Accessory pack for Wall Mount Kit (MIS513); Display Wall Calibrator Kit (KT-46UN-CC); OPS with Intel Core i5 (N8000-8830), OPS with AMD Dual Core Fusion, 160GB Hard Drive, W7P (OPS-PCAF-WH); OPS with AMD Dual Core Fusion, 32GB SSD, W7P (OPS-PCAF-WS); OPS with AMD Dual Core Fusion, 160GB Hard Drive, No OS (OPS-PCAF-W); OPS with AMD Dual Core Fusion, 32GB SS, W7P (SB-025C-4); OPS Adapter (SB-02AM); Adapter Mount Kit (AMK-V422)			
<b>WARRANTY/SERVICE</b>					
3 years parts and labor, including backlight*					

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

