NEC V SERIES

Maximum Message. Minimal Expense.

80"

65"

55"

46"

42"

Commercial-Grade LCD Displays for the Cost-Conscious

Commercial-Grade

Promote extended use with a high-performance design

- LED backlighting delivers both environmental and economic benefits
- Temperature sensors and fans protect the panel from damage
- High definition, high brightness and contrast ratio deliver superior visual quality
- Internal 10W speakers and built-in handles enable a simplified installation

Adaptable

Unrivaled flexibility enables seamless integration of accessories

- Expanded connectivity with built-in expansion slot for maximum versatility
- Protective-glass and touch-panel ready design provide opportunities for module security and interactivity
- Landscape and portrait orientations allow for flexible content placement to maximize audience awareness

Connected

Extensive control and diagnostic communication provide the highest level of remote management

- Comprehensive input panel connects to latest peripherals
- RS-232 and ethernet connectivity allow individual and group-addressable control, including email diagnostics
- DDC/CI standard allows for PC control of the display
- Custom input detect for content protection

necdisplay.com **NEC**

Maximum Adaptability with the NEC Option Slot

Future-proof your display with the NEC option slot. This slot provides connectivity for Open Pluggable Specification (OPS)-compliant devices, creating a seamless integration across a variety of accessories.

- OPS is the first industry-wide standardization of option slot accessories geared to simplify installations, use and maintenance of digital signage.
- No external connections required – DVI video, stereo audio, RS-232 control and power are all passed internally from the display to the OPS device
- Simple integration and maintenance results in easier and less expensive installations and operation

Corporate Applications

Everything you need to communicate with coworkers and visitors. NEC V Series displays offer an integral part of corporate communications. Displaying information is easy and dynamic, and lobby messaging can be easily adapted to match the needs of the business.

- Automatic input detect allows built-in system redundancy to reassure content will always be displayed
- Protect your display from damaging heat with integrated temperature sensors and fans
- High-definition panels with up to 500 cd/m² brightness and 5000:1 contrast ratio enable superior images sure to capture customer attention

Retail Applications

Maximize messaging and connect on a new level with in-store customers. Whether its promoting the latest sale, pointing shoppers in the right direction or communicating the latest price information, the NEC V Series effectively delivers your message without breaking the bank.

- Landscape and portrait orientations enable design flexibility for seamless in-store installation
- High brightness and contrast ratio deliver stunning imagery
- Built-in text ticker can display valuable information across a user-defined portion of the screen

Maximum Efficiency with LED Backlighting*

Not all backlights are created equal. Loaded with state-of-the-art innovation, select NEC V Series displays incorporate LED backlights that deliver an array of benefits.

- Reduced power consumption leads to a reduced total cost of ownership
- Solid state LED backlights increase durability
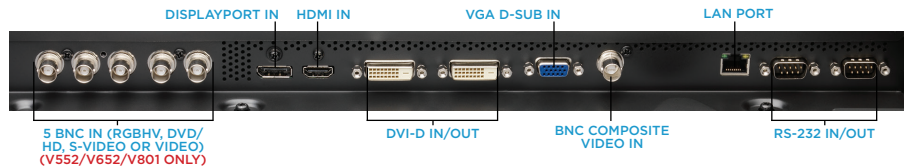- Lighter, thinner products increase installation options, and decrease installation and shipping costs

available on select V Series models

Specifications for V423/V463/V552/V652/V801

Specifications for the 32" V322 can be found on the V322 Specifcation Brochure

MODEL	V423	V463	V552	V652	V801
QUICK SPECS	LED / speakers / eco / OPS	LED / speakers / eco / OPS	LED / speakers / eco / OPS	LED / speakers / eco / OPS	LED / speakers / eco / OPS
LCD MODULE					
Panel Technology	S-IPS	A-MVA	A-MVA	SPVA	UV²A
Viewable Image Size	42"	46"	55"	65"	80"
Native Resolution	1920 x 1080				
Brightness (Typical/Max)	320 cd/m² / 450 cd/m²	350 cd/m² / 500 cd/m²	320 cd/m² / 450 cd/m²		320 cd/m² / 460 cd/m²
Contrast Ratio (Typical)	1300:1	4000:1			5000:1
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10				
Aspect Ratio	16:9				
Active Screen Area (W x H)	36.6 x 20.6 in. / 930.2 x 523.3mm	40.1x 22.5in. /1018.1 x 572.7mm	47.6 x 26.8 in. / 1209.6 x 680.4mm	56.2 x 31.6 in. / 1428.5 x 803.5mm	69.7 x 39.2 in. / 1771.2 x 996.3mm
Orientation	Landscape/Portrait				
Displayable Colors	More than 16.7 million				More than 1 billion
CONNECTIVITY					
PC/Mac Signal Compatibility	Yes				
Input Terminals					
Digital	DisplayPort, HDMI, DVI-D				
Analog	VGA 15-pin D-sub (shared S-Video, Video, Component), BNC Composite		VGA 15-pin D-sub, 5 BNC (RGBHV, DVD/HD, S-Video or Video), BNC Composite		
Audio	Stereo Mini-Jack, HDMI Audio, DisplayPort Audio				
External Control	RS-232C, Ethernet (RJ45), IR Remote, DDC/CI				
Output Terminals					
Digital	DVI-D				
Analog	N/A				
Audio	Stereo Mini-Jack, External Speaker Jack (2)				
External Control	RS-232C				
Digital Tuner	V423-AVT	V463-AVT	V552-AVT	V652-AVT	V801-AVT
Speakers	Integrated (10W x 2)				
POWER CONSUMPTION					
On (Typical)	88W	76W	100W	185W	230W
ECO Mode Standby	<0.5W	<2W			
PHYSICAL SPECIFICATIONS					
Bezel Width (L/R, T/B)	0.7 in./0.7 in., 0.7 in./0.7 in. ; 18.3mm/18.3mm, 18.3mm/18.3mm			2.1 in./2.1 in., 2 in./2.1 in. ; 53.5mm/53.5mm, 50.5mm/50.5mm	1.2 in./1.2 in., 1.2in./1.2in. ; 29.7mm/29.7mm, 29.7mm /29.7mm
Net Dimensions (without stand; WxHxD)	38.3 x 22.3 x 2.7 in. / 972.5 x 565.4 x 68.3mm	41.7 x 24.1 x 2.6in. / 1058.2 x 612.8 x 65.1mm	49.2 x 28.4 x 2.5 in. / 1249.7 x 720.5 x 63mm	60.6 x 35.8 x 3.5 in. / 1540.4 x 909.2 x 88.3mm	72.3 x 41.8 x 3.4 in. / 1836.2 x 1061.3 x 86.9mm
Net Weight (without stand)	37 lbs. / 16.8 kg	41.7 lbs. / 18.9 kg	58 lbs. / 26.3 kg	114.4 lbs. / 52 kg	132.3 lbs / 60 kg
VESA Hole Configuration	300 x 300mm (4-hole)			400 x 400mm (4-hole)	
ENVIRONMENTAL CONDITIONS					
Operating Temperature	41-104°F / 5-40°C				
Operating Humidity	20 - 80%				
Operating Altitude	9843 ft. / 3000m				
LIMITED WARRANTY	3 years parts and labor, including backlight*				
ADDITIONAL FEATURES	Advanced thermal capabilities; Advanced cooling system; TileMatrix (10x10); TileComp; Separate group/Monitor ID function; Ethernet Control and Communication; RS-232 Control and Communication; Carbon footprint meter; Plug and Play (DDC/CI, DDC2B); Scheduler (w/ real-time clock); Screen saver function; POP; Side-by-Side; Kensington lock; Handles (for V552/V652); Touch- and protective screen-ready; Variable picture modes; Advanced video settings (Noise Reduction, Adaptive Contrast); Input labeling; Backlight adjust; Aspect ratio control; Built-in speakers; OPS-Compliant slot				
SHIPS WITH	Power cord; 1.8m DVI-D cable; Wireless remote control; Batteries; Main switch cover; CD-ROM (user manual); Clamp; Screws				
OPTIONAL ACCESSORIES					
Single Board Computers	External Single Board Computer (TNETPC-AF-WH); All NEC OPS computers**				
Other	Speakers (SP-RM2 for V423; SP-RM1 for V463, V552, V652 & V801); Stand (ST-322 for V423 & V463; ST-4620 for V552; ST-651 for V652; ST-801 for V801); Internal HD-SDI Card (SB-01HC); Internal 3G-SDI Card (SB-04HC); Digital IP Tuner (SB-03TM); Wall Mount Kit (WMK-3257); Display Wall Calibrator Kit (KT-LFD-CC)				

* Warranty restrictions apply. Contact your representative for details.
** For non -AVT displays only.

V423/V463/V552/V652/V801

DISPLAYPORT IN   HDMI IN   VGA D-SUB IN   LAN PORT

5 BNC IN (RGBHV, DVD/ HD, S-VIDEO OR VIDEO) (V552/V652/V801 ONLY)   DVI-D IN/OUT   BNC COMPOSITE VIDEO IN   RS-232 IN/OUT

Icon Key

LED-backlit

Built-in speakers

Eco-friendly

OPS-compliant