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NEC V SERIES

Maximum Message. Minimal Expense.

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

* available on select V Series models

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

Quick-Service Restaurant Applications

Everything you need to complete your order. NEC V Series displays are an integral part of restauranteurs' digital solutions. Displaying caloric information is easy and dynamic, and in-store advertising can be easily adapted to match the needs of the business.

- Automatic input detect allows built-in system redundancy to reassure that your menu will always be displayed
- Sealed panel design provides protection against dust particles, grease and steam
- High-definition panels with up to 500 cd/m^2 brightness and 4000:1 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 stream live store information

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

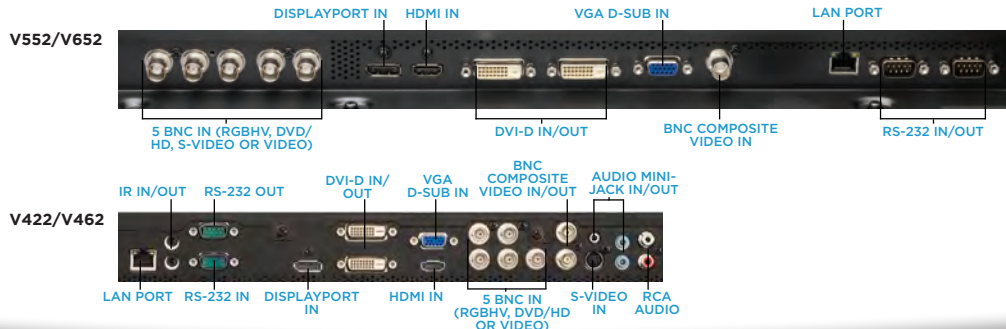| MODEL	V422	V462	V552	V652
QUICK SPECS	[Built-in speakers] [OPS]	[Built-in speakers] [OPS]	[LED] [Built-in speakers] [Eco-friendly] [OPS]	[LED] [Built-in speakers] [Eco-friendly] [OPS]
LCD MODULE				
Panel Technology	S-IPS	SPVA	A-MVA	SPVA
Viewable Image Size	42"	46"	55"	65"
Native Resolution	1920 x 1080			
Brightness (Typical/Max)	370 cd/m² / 500 cd/m²	340 cd/m² / 450 cd/m²	320 cd/m² / 450 cd/m²	
Contrast Ratio (Typical)	1300:1	3000:1	4000:1	4000:1
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	40.1 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			
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		VGA 15-pin D-sub, 5 BNC (RGBHV, DVD/HD, S-Video or Video), BNC Composite	
Audio	RCA Audio, Stereo Mini-Jack (2), HDMI Audio, DisplayPort Audio		Stereo Mini-Jack, HDMI Audio, DisplayPort Audio	
External Control	RS-232C, Ethernet (RJ45), IR Remote, DDC/CI			
Output Terminals				
Digital	DVI-D			
Analog	BNC Composite		NA	
Audio	Stereo Mini-Jack, External Speaker Jack (2)			
External Control	RS-232C, IR Remote		RS-232C	
Digital Tuner	V422-AVT	V462-AVT	V552-AVT	V652-AVT
Speakers	Integrated (10W x 2)			
POWER CONSUMPTION				
On (Typical)	155W	165W	100W	185W
ECO Mode Standby	<2W	<1W	<2W	
PHYSICAL SPECIFICATIONS				
Bezel Width (L/R, T/B)	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	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
Net Dimensions (without stand; WxHxD)	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	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
Net Weight (without stand)	48.5 lbs. / 22 kg	55.8 lbs. / 25.3 kg	58 lbs. / 26.3 kg	114.4 lbs. / 52 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; Sealed panel design; TileMatrix (10x10; 5x5 for V321-2); Separate group/Monitor ID function; CableComp+; Ethernet Control and Communication; RS-232 Control and Communication; Carbon footprint meter; Plug and Play (DDC/CI, DDC2B); Scheduler (w/ real-time clock); Sharpness/softness adjustment; Screen saver function; 6-axis color adjustment; POP; Side-by-Side; Kensington lock; Handles; 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/Expansion slot; Custom input detection		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; 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; VGA cable (Mini 15-pin D-sub); 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); OPS with Intel Core i5 (N8000-8830)**; OPS with Intel i5, 250GB Hard Drive, W7e (OPS-PCIC-5WH)**; OPS with Intel i5, 32GB SSD, W7e (OPS-PCIC-5WS)**; OPS with Intel Atom, 160GB Hard Drive, W7e (OPS-PCIA-WH)**; OPS with Intel Atom, 32GB SSD, W7e (OPS-PCIA-WS)**; OPS with Intel Atom, 160GB Hard Drive, No OS (OPS-PCIA-H)**; OPS with Intel Atom, 32GB SSD, No OS (OPS-PCIA-S)**; OPS with AMD Dual Core Fusion, 160GB Hard Drive, W7e (OPS-PCAF-WH)**; OPS with AMD Dual Core Fusion, 16GB SSD, W7e (OPS-PCAF-WS)**; OPS with AMD Dual Core Fusion, 160GB Hard Drive, No OS (OPS-PCAF-H)**; OPS with AMD Dual Core Fusion, 16GB SSD, No OS (OPS-PCAF-S)**; OPS with AMD Quad Core Fusion, 250GB Hard Drive, W7e (OPS-PCAFQ-WH)**; OPS with AMD Quad Core Fusion, 32GB SSD, W7e (OPS-PCAFQ-WS)**; OPS with AMD Quad Core Fusion, 250GB Hard Drive, No OS (OPS-PCAFQ-H)**; OPS with AMD Quad Core Fusion, 32GB SS, No OS (OPS-PCAFQ-S)**; OPS with AMD Quad Core Fusion, 250GB Hard Drive, Win7 Pro (OPS-PCAFQ-PH)**			
Other	Speakers (SP-RM1/SP-4046PV); Stand (ST-4020); OPS Adapter (SB-02AM); Internal HD-SDI Card (SB-L007KK); DVI Daisychain (SB-L008WU); Digital IP Tuner (MPD-DTi); Wall Mount Kit (WMK-3257); Accessory pack for Wall Mount kit (MIS513); Display Wall Calibrator Kit (KT-LFD-CC); Adapter Mount Kit (AMK-V422 for V422, AMK-V462 for V462)		Speakers (SP-RM1); Stand (ST-4620 for V552/ST-651 for V652); 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.
** OPS adapter (SB-02AM) required for use with V422/V462

Icon Key

[LED] LED-backlit

[Built-in speakers] Built-in speakers

[Eco-friendly] Eco-friendly

[OPS] OPS-compliant

V552/V652

5 BNC IN (RGBHV, DVD/HD, S-VIDEO OR VIDEO) — DISPLAYPORT IN — HDMI IN — DVI-D IN/OUT — VGA D-SUB IN — BNC COMPOSITE VIDEO IN — LAN PORT — RS-232 IN/OUT

V422/V462

IR IN/OUT — RS-232 OUT — DVI-D IN/OUT — VGA D-SUB IN — BNC COMPOSITE VIDEO IN/OUT — AUDIO MINI-JACK IN/OUT — LAN PORT — RS-232 IN — DISPLAYPORT IN — HDMI IN — 5 BNC IN (RGBHV, DVD/HD OR VIDEO) — S-VIDEO IN — RCA AUDIO

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