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

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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 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 V462/V423/V552/V652

MODEL	V462	V423	V552	V652
QUICK SPECS	OPS	LED-backlit, Built-in speakers, Eco-friendly, OPS	LED-backlit, Built-in speakers, Eco-friendly, OPS	LED-backlit, Built-in speakers, Eco-friendly, OPS
LCD MODULE				
Panel Technology	SPVA	S-IPS	A-MVA	SPVA
Viewable Image Size	46"	42"	55"	65"
Native Resolution	1920 x 1080			
Brightness (Typical/Max)	340 cd/m² / 450 cd/m²	320 cd/m² / 450 cd/m²		
Contrast Ratio (Typical)	3000:1	1300:1	4000:1	
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10			
Aspect Ratio	16:9			
Active Screen Area (W x H)	40.1 x 22.6 in. / 1018.1 x 572.9mm	36.6 x 20.6 in. / 930.2 x 523.3mm	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 (shared S-Video, Video, Component), BNC Composite	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	V462-AVT	V423-AVT	V552-AVT	V652-AVT
Speakers	Integrated (10W x 2)			
POWER CONSUMPTION				
On (Typical)	165W	88W	100W	185W
ECO Mode Standby	<1W	<0.5W	<2W	
PHYSICAL SPECIFICATIONS				
Bezel Width (L/R, T/B)	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)	44.2 x 26.2 x 4.2 in. / 1121.5 x 664.7 x 107mm	38.3 x 22.3 x 2.7 in. / 972.5 x 565.4 x 68.3mm	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)	55.8 lbs. / 25.3 kg	37 lbs. / 16.8 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; 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; 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); All NEC OPS computers**			
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); Display Wall Calibrator Kit (KT-LFD-CC); Adapter Mount Kit (AMK-V462)	Speakers (SP-RM2 for V423/SP-RM1 for V552 & V652); Stand (ST-322 for V423/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 V462

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

V423/V552/V652

DISPLAYPORT IN — HDMI IN — VGA D-SUB IN — LAN PORT

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

Icon Key

- LED-backlit
- Built-in speakers
- Eco-friendly
- OPS-compliant