

## **NEC Touch-Integrated V Series**

42", 46", 55", 65" and 80" touch-integrated, commercial-grade LCD displays

Experience top-of-the-line touchscreen capability without having to maximize your budget. The 42" V423-TM, 46" V463-TM, 55" V552-TM, 65" V652-TM and 80" V801-TM provide a cost-conscious, fully integrated touchscreen solution for your digital signage and interactive screen applications. Their integrated 4-camera optical imaging and IR scanning touch components along with anti-reflective protective glass, combined with a high-performance panel and advanced technologies, make these displays ideal for any multi-touch application. Utilize multiple simultaneous touches to provide interactivity within the classroom, exhibit wayfinding in retail environments, build brand awareness or turn heads during hands-on presentations. The V423-TM, V463-TM, V552-TM V652-TM and V801-TM also support Open Pluggable Specification (OPS), the first industry-wide standardization in option slots, simplifying installation, use and maintenance of digital content.



## Highlights



- Infrared light guides are installed along each side of the panel and emit a thin, planar beam of light to fill the sensing region
- Anti-Reflective Glass is integrated on the panel, protecting the liquid crystal display, while providing high brightness transmittance and low glass reflectance
- Environmentally-Friendly Components utilizing LED backlighting, which reduces power consumption and results in a lower total cost of ownership
- 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
- Integrated 10W speakers provide stereo audio for those applications requiring sound
- Extensive control, diagnostic and communication provide the highest level of remote display management.
- Built-in handles, available with larger-sized models, allow for easier transport and installation\*

\* V552-TM, V652-TM and V801-TM only

## Specifications

MODEL	V423-TM	V463-TM	V552-TM	V652-TM	V801-TM
LCD MODULE					
Panel Technology	S-IPS	AMVA	AMVA	AMVA	UV2A
Viewable Image Size					
Native Resolution	42"	46"	55"	65"	80"
Brightness (Typical/Maximum)			1920 x 1080		
Contrast Ratio (Typical)	310cd/m <sup>2</sup> / 430 cd/m <sup>2</sup>	330 cd/m <sup>2</sup> / 480 cd/m <sup>2</sup>	300/430 cd/m <sup>2</sup>	320 cd/m <sup>2</sup> / 450 cd/m <sup>2</sup>	320/460 cd/m <sup>2</sup>
Viewing Angle	1300:1	3000:1	4000:1	4000:1	5000:1
	174* Vert., 174* Hor. (87U/87D/87L/87R) @ CR>10 178* Vert., 178* Hor. (89U/89D/89L/89R) @ CR>10 0 CR>10 0 CR>10				
Aspect Ratio	16:9				
Active Screen Area (W x H)	36.6 x 20.6 in./ 930.2/523.3mm	40.1 x 22.5 in. / 1018.1 x 572.7mm	47.6 x 26.8in. / 1209.6 x 684.4mm	56.2 x 31.6 in. / 1428.5 x 803.5mm	69.7 x 39.2in. / 1771.2 x 996.3mm
Orientation			Landscape/Portrait		
Displayable Colors	More than 16.7 million	More than 16.7 million	More than 1.07 Billion	More than 16.7 million	More than 1.07 Billion
Touch Technology	4-camera Op	tical Imaging	Infrared Scanning	4-camera Optical Imaging	Infrared Scanning
Brightness Transmission	96% 92%				92%
Light Reflection	2% 3%				3%
Touch Method and Object Size	+- 3.0mm, 100% of t	ouchable active area	+-2.0mm, 90% of touchable active area	+- 3.0mm, 100% of t	ouchable active area
CONNECTIVITY					
PC/Mac Signal Compatibility			Yes		
Input Terminals					
Digital	DisplayPort, HDMI, DVI-D				
Analog	VGA 15-pin D-sub (charad S-Video Video Component) BNC Composite				
Audio	(HGBH), DVD/HD, Video, ISVC Composite				
External Control	Stereo Mini-Jack, HDMI Audio, DisplayPort Audio				
Output Terminals	RS-232C, Ethernet (RJ45), IR Remote, DDC/Cl				
Digital			21/1 2		
Analog	DVI-D				
Audio	NA				
External Control	Stereo Mini-Jack, External Speaker Jack (2)				
POWER CONSUMPTION			RS-232C, IR Remote		
On (Typical)					
ECO Mode Standby	95W	85W	100W	190W	230W
PHYSICAL SPECIFICATIONS	<	W		<2W	
Bezel Width (L/R, T/B)					
<b>X</b> • <b>X</b>	1.3 in. / 1.3 in. 32.8mm/32.8mm	; 1.3 in. / 1.3 in. , 32.8mm/32.8mm	1.6in. / 1.6 in. ; 1.6in. / 1.6 in., 41.4mm/ 41.4mm ; 41.4mm/ 41.4mm	2.1 in./2.1 in., 2 in./2.1 in.; 53.5mm/53.5mm, 50.5mm/50.5mm	1.4in. / 1.4 in. ; 1.4in. / 1.4 in., 34.8mm/ 34.8mm ; 34.8mm/ 34.8mm
Net Dimensions (without stand; WxHxD)	39.7 x 23.7 x 3.3 in. / 1008.0mm x 601.0mm x 83.5mm	43.1 x 25.6 x 3.2 in. ; 1095 x 650 x 80.3mm	51.0 x 30.1 x 3.4 in. / 1294.4mm x 765.2mm x 86.5mm	60.6 x 35.8 x 3.5 in. / 1540.4 x 909.2 x 88.3mm	72.6 x 42.0 x 4.2 in. / 1842.8mm x 1067.7mm x 107.3mm
Net Weight (without stand)	54.5 lbs. / 24.7 kg	62.0 lbs. / 66.1kg.	90.0lbs / 40.8kg	150.6 lbs. / 68.3 kg	176.2lbs / 79.9kg
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				
	3 years parts and labor, including backlight*				
ADDITIONAL FEATURES	Integrated 4-camera optical imaging touch solution (V423-TM, V463-TM and V652-TM); Double AR protective glass; Advanced thermal capabilities; Advanced cooling system; Ethernet Control and Communication; RS-232 Control and Communication; Carbon footprint meter; Plug and Play (DDC/C), DDC2B); Scheduler (w/ real-time clock); Built-in speakers; DPS/Expansion slot				
SHIPS WITH	Control and Communication; Carbon footprint meter; Plug and Play (UUC/CI, UUC2B); Scheduler (w/ real-time clock); Built-in speakers; UPS/Expansion slot Power cord; 1.8m DVI-D cable; Wireless remote control; Batteries; Main switch cover; CD-ROM (user manual); Clamp; Screws; USB A to B Cable				
OPTIONAL ACCESSORIES	Speakers (SP-RM2); Stand (ST-322); Quad Core AMD OPS PC with Windows 7 Professional (OPS-PCAFQ-PH)	Speakers (SP-RM1 and SP-TF1); Stand (ST-4620); Quad Core AMD OPS PC with Windows 7 Professional (OPS-PCAFQ-PH)	Speakers (SP-RM1 and SP-TF1), Stand (ST-5220), Quad Core AMD OPS PC with Windows 7 Professional (OPS-PCAFQ-PH)	Speakers (SP-RM1); Stand (ST-651); Quad Core AMD OPS PC with Windows 7 Professional (OPS-PCAFQ-PH)	Speakers (SP-RM1 and SP-TF1), Stand (ST-801), Quad Core AMD OPS PC with Windows 7 Professional (OPS-PCAFQ-PI

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

## Input panels for V423-TM, V463-TM, V552-TM V652-TM and V801-TM





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