

# 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\*

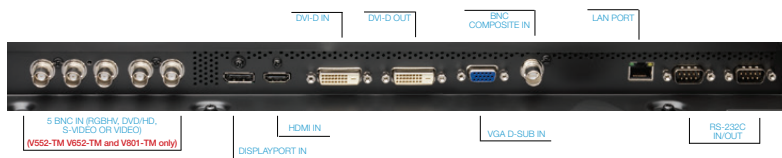
\* V552-TM, V652-TM and V801-TM only

## Specifications

MODEL	V423-TM	V463-TM	V552-TM	V652-TM	V801-TM
<b>LCD MODULE</b>					
Panel Technology	S-IPS	AMVA	AMVA	AMVA	UV2A
Viewable Image Size	42"	46"	55"	65"	80"
Native Resolution	1920 x 1080				
Brightness (Typical/Maximum)	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>
Contrast Ratio (Typical)	1300:1	3000:1	4000:1	4000:1	5000:1
Viewing Angle	174° Vert., 174° Hor. (87U/87D/87L/87R) @ CR>10		178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10		176° Vert., 176° Hor. (88U/88D/88L/88R) @ 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 26.8 in. / 1209.6 x 684.4mm	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 16.7 million	More than 1.07 Billion	More than 16.7 million	More than 1.07 Billion
Touch Technology	4-camera Optical Imaging		Infrared Scanning	4-camera Optical Imaging	Infrared Scanning
Brightness Transmission			96%		
Light Reflection			2%		
Touch Method and Object Size	+ 3.0mm, 100% of touchable active area		+2.0mm, 90% of touchable active area	+ 3.0mm, 100% of touchable active area	
<b>CONNECTIVITY</b>					
<b>Input Terminals</b>					
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, Video or S-Video), BNC Composite		
Audio	Stereo Mini-Jack, HDMI Audio, DisplayPort Audio				
External Control	RS-232C, Ethernet (RJ45), IR Remote, DDC/CI				
<b>Output Terminals</b>					
Digital	DVI-D				
Analog	N/A				
Audio	Stereo Mini-Jack, External Speaker Jack (2)				
External Control	RS-232C, IR Remote				
<b>POWER CONSUMPTION</b>					
On (Typical)	95W	85W	100W	190W	230W
ECO Mode Standby	<1W		<2W		
<b>PHYSICAL SPECIFICATIONS</b>					
Bezel Width (L/R, T/B)	1.3 in. / 1.3 in. ; 1.3 in. / 1.3 in. 32.8mm/32.8mm , 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)	
<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>					
Integrated 4-camera optical imaging touch solution (V423-TM, V463-TM and V652-TM); Double AR protective glass; Advanced thermal capabilities; Ethernet Control and Communication; RS-232 Control and Communication; Carbon footprint meter; Plug and Play (DDC/CI, DDC2B); Scheduler (w/ real-time clock); Built-in speakers; OPS/Expansion slot					
<b>SHIPS WITH</b>					
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					
<b>OPTIONAL ACCESSORIES</b>					
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-4620); 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-PH)	Speakers (SP-RM1 and SP-TF1); Stand (ST-801); Quad Core AMD OPS PC with Windows 7 Professional (OPS-PCAFQ-PH)

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

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



TileComp and TileMatrix are trademarks of NEC Display Solutions. All other brand or product names are trademarks or registered trademarks of their respective holders. Product specifications subject to change.  
©2016 NEC Display Solutions of America, Inc. All rights reserved.  
25.NEC.80.GL.UN.117 rev. 07/08/16

### NEC Display Solutions

500 Park Boulevard, Suite 1100  
Itasca, IL 60143  
866-NEC-MORE