

NEC Touch-Integrated V Series

42", 46" & 65" 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 and 65" V652-TM provide a cost-conscious, fully integrated touchscreen solution for your digital signage and interactive screen applications. Their integrated 4-camera optical imaging touch components



and 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 and V652-TM also support Open Pluggable Specification (OPS), the first industry-wide standardization in option slots, simplifying installation, use and maintenance of digital content.



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Highlights

- **Integrated optical imaging** allows for multiple simultaneous touch points*
- **Four low profile sensors** are embedded into each corner of active area, allowing for an integrated touch solution
- **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
- **Comprehensive input panel** connects you to the latest peripherals
- **High brightness and contrast ratio** help create eye-catching images and crisp, easy-to-read text
- **Integrated 10W speakers** provide stereo audio for those applications requiring sound
- **Extensive control, diagnostic and communication** provide the highest level of remote display management. These include:
 - **RS-232-enabling multi-display control and daisy chain** allows for individual and group-addressable control, and simple, effective setup and monitoring of the display
 - **Ethernet connectivity** adds the same RS-232 control plus automatic email notification for diagnostic purposes
 - **NaViSet Administrator 2™** offers an intuitive graphical interface, allowing for easy adjustment of display settings via mouse and keyboard. NaViSet Administrator 2 provides all the advanced control to remotely located IT professionals.
 - **DDC/CI standard** allows for PC control of the display based on the VESA command set
- **Scheduler with round-the-clock feature** allows for 7-day scheduling of content and powering of the display
- **Built-in handles**, available with larger-sized models, allow for easier transport and installation

* Dependent upon the operating system in use

Specifications for V423-TM/V463-TM/V652-TM

MODEL	V423-TM	V463-TM	V652-TM
LCD MODULE			
Panel Technology	S-IPS	AMVA	
Viewable Image Size	42"	46"	65"
Native Resolution	1920 x 1080		
Brightness (Typical/Maximum)	310cd/m ² / 430 cd/m ²	330 cd/m ² / 480 cd/m ²	320 cd/m ² / 450 cd/m ²
Contrast Ratio (Typical)	1300:1	3000:1	4000:1
Viewing Angle	174° Vert., 174° Hor. (87U/87D/87L/87R) @ CR>10		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./ 930.2/523.3mm	40.1 x 22.5 in. / 1018.1 x 572.7mm	56.2 x 31.6 in. / 1428.5 x 803.5mm
Orientation	Landscape/Portrait		
Displayable Colors	More than 16.7 million		
Brightness Transmission	96%		
Light Reflection	2%		
Touch Method and Object Size	+- 3.0mm, 100% of touchable active area		
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, Video or S-Video), BNC Composite	
Audio	RCA Audio, Stereo Mini-Jack, HDMI Audio, DisplayPort Audio	RCA Audio, Stereo Mini-Jack, 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	N/A		
Audio	Stereo Mini-Jack, External Speaker Jack (2)		
External Control	RS-232C, IR Remote		
POWER CONSUMPTION			
On (Typical)	95W	85W	190W
ECO Mode Standby	<1W		<2W
PHYSICAL SPECIFICATIONS			
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		2.1 in./2.1 in., 2 in./2.1 in.; 53.5mm/53.5mm, 50.5mm/50.5mm
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	60.6 x 35.8 x 3.5 in. / 1540.4 x 909.2 x 88.3mm
Net Weight (without stand)	54.5 lbs. / 24.7 kg	62.0 lbs. / 66.1kg.	150.6 lbs. / 68.3 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			
Integrated 4-camera optical imaging touch solution; 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/CI, DDC2B); Scheduler (w/ real-time clock); Built-in speakers; OPS/Expansion slot			
SHIPS WITH			
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); Stand (ST-651); 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 and V652-TM

