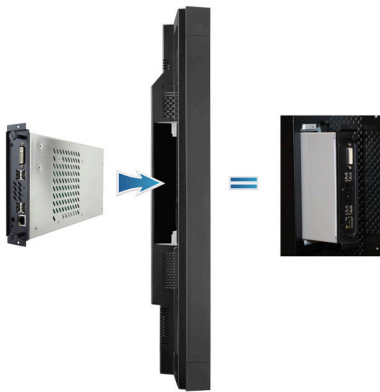


NEC Digital Signage Solutions

42" - 65" high-performance, commercial-grade LCD displays bundled with Dual Core Atom single board computers

Take the fast track to high-quality digital signage with full PC functionality integrated directly within an NEC display. NEC's single board computer (NEC-SBC-04), boasting a 1.6 GHz Dual Core Atom CPU, offers robust flexibility and performance required to process digital content. Combining this PC with the high-performance panel of the NEC V Series (42"-65" sizes available), these bundles are a wonderfully simple solution for dynamic digital signage. Utilizing

the expansion slot integrated into V Series displays, the PC provides for clean, hidden integration while reducing the bill of materials needed for installation and eliminating the hassle of hiding hardware equipment. Whet appetites in restaurants. Build brand awareness in retail. Turn heads in corporate lobbies. The digital signage possibilities are virtually endless.



Highlights

- **Seamless integration** eliminates the need for external cabling, mounting and power supply. Service can be performed while the display is still mounted, simplifying installation and reducing maintenance.
- **1.6GHz Dual Core Atom** offers ample processing power to run digital signage content and render beautiful imagery
- **NVIDIA graphics chipset** allows for rendering of exceptional graphic performance and supports resolutions up to 1920 x 1080
- **Commercial-grade design** leads to the displays' extended use for various applications and protects against permanent image retention
- **Comprehensive input panel**, including DisplayPort, HDMI, 5 BNC (RGBHV, DVD/HD, or composite video), DVI-D (in/out), and 15-pin D-sub in/out, connects you to the latest peripherals
- **High brightness and contrast ratio** help create eye-catching images and crisp, easy-to-read text
- **Protective-glass and touch-panel ready design** provide opportunities for module protection and interactivity
- **Integrated 10W speakers** provide stereo audio for those applications requiring sound
- **Landscape and portrait orientations*** allow for flexible content placement, maximizing audience awareness
- **Extensive control, diagnostic and communication** provide the highest level of remote display management.
- **Scheduler with round-the-clock feature** allows for 7-day scheduling of content and powering of the display
- **Extensive environment-friendly components** contribute to significant energy savings and a lower total cost of ownership
- **Built-in handles**, available with larger-sized models, allow for easier transport and installation
- **ENERGY STAR® 5.1*** is proudly offered for V Series displays, which meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy, helping you save money and reduce greenhouse gas emissions
- **NET-SBC-04's 3-year warranty** matches that of the display
- **NEC Content Management Software (CMS)**, a SaaS web-based, digital signage software, is available at no charge

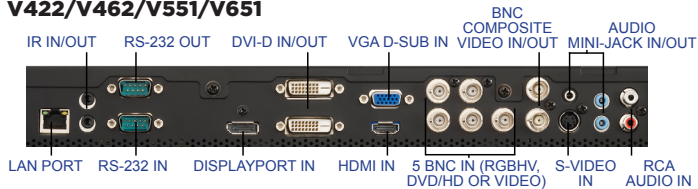
* available on select V Series models

Specifications for V422-PC/V462-PC/V551-PC/V651-PC

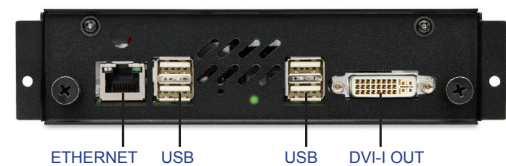
MODEL	V422-PC	V462-PC	V551-PC	V651-PC
LCD MODULE				
Panel Technology	S-IPS	SPVA		A-MVA
Viewable Image Size	42"	46"	55"	65"
Native Resolution	1920 x 1080			
Brightness (Typical)	370 cd/m ² / 500 cd/m ²	340 cd/m ² / 450 cd/m ²	350 cd/m ² / 450 cd/m ²	400 cd/m ² / 500 cd/m ²
Contrast Ratio (Typical/Max)	1300:1	3000:1		5000:1
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10			
Response Time (G-to-G)	10ms	8ms		
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			Landscape
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			
Audio	RCA Audio, Stereo Mini-Jack (2), HDMI Audio, DisplayPort Audio			
External Control	RS-232C, Ethernet (RJ45), IR Remote, DDC/CI			
Output Terminals				
Digital	DVI-D			
Analog	BNC Composite			
Audio	Stereo Mini-Jack, External Speaker Jack (2)			
External Control	RS-232C, IR Remote			
POWER CONSUMPTION				
On (Typical)	155W	165W	200W	330W
ECO Mode Standby	<2W		<1W	
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. ; 50mm/50mm, 45mm/45mm	2.1 in./2.1 in., 1.8 in./1.8 in. ; 52mm/52mm, 46mm/46mm	2.1 in./2.1 in., 2 in./2 in. ; 54mm/54mm, 51mm/51mm
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	51.9 x 30.5 x 4.7 in. / 1317.8 x 775.8 x 118.9mm	60.6 x 35.8 x 4.7 in. / 1540.4 x 909.2 x 118.9mm
Net Weight (without stand)	48.5 lbs. / 22 kg	55.8 lbs. / 25.3 kg	84.7 lbs. / 38.4 kg	119.1 lbs. / 54 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); 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; Input labeling; Backlight adjust; Aspect ratio control; Built-in speakers**; OPS/Expansion slot; Custom input detection			
SHIPS WITH	Single Board Computer (NET-SBC-04); Power cord; VGA cable (Mini 15-pin D-sub); Wireless remote control; Batteries; Main switch cover; CD-ROM (user manual); NEC Content Management Software; Clamp; Screws			
OPTIONAL ACCESSORIES				
NEC Speakers	Integrated (10W x 2); SP-RM1 (optional); SP-4046PV (optional)		Integrated (10W x 2); SP-RM1 (optional)	
NEC Stands	ST-4020		ST-5220	ST-651
NEC Misc.	Wall Mount Kit (WMK-3257); Accessory pack for Wall Mount Kit (MISS13); Display Wall Calibrator Kit (KT-LFD-CC)			

* Warranty restrictions apply. Contact your representative for details.
** applies to select displays

V422/V462/V551/V651



NET-SBC-04



Specifications for NET-SBC-04

Operating System	Microsoft Windows 7 Embedded
CPU	1.6 GHz Dual Core Atom
GPU	NVIDIA 9400M
RAM	2 GB
Hard Drive	160GB SATA
Video Output	Internal DVI (up to 1080p 60Hz), External DVI
Audio Output	Internal Stereo
Network Connections	External LAN (10/100/1000BASE-T)
Control I/O	External USB 2.0 x 4, Internal RS-232
Video Format Support	MPEG2, MPEG4 part 2, MPEG4 part 10 (H.264), WM9/VC-1

Graphics Format Support	JPEG
Browser Support	HTML, Flash, javascript, BMP, TIFF, GIF
Audio Format Support	MP3, PCM, AAC
Network Protocol Support	Internet (IP, TCP, UDP, ICMP, ARP, DHCP, HTTP, FTP, IGMP, RTP, RTSP, SNMP)
Power	Internal Power Supply, Power Dissipation (30W)
Operating Temperature	32° - 104°F / 0° - 40°C
Operating Humidity	80% maximum relative humidity, non-condensing
Dimensions (W x H x D)	6.5 x 1.5 x 11 in. / 165.1 x 38.1 x 279.4mm
Weight	2 lbs. / 0.91 kg
Certifications	FCC, Section 15



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