

NEC V Series

17" - 22" LCDs ideal for general business users



Step up to superior flat-panel display performance without emptying your pockets. With affordable LCD monitors for a variety of users, NEC V Series monitors have set a new standard in value in the display product category. In fact, with affordability akin to that of comparable CRT monitors, V Series monitors offer you a perfect opportunity to take advantage of the many benefits offered by flat-panel monitors without having to break your budget. The 17" NEC LCD17V and 19" NEC LCD19V deliver ideal visual display solutions to corporate and small-to-medium-sized business users, adding clarity to presentation and document creation and vibrant splashes of color to web surfing. The widescreen 19" NEC LCD19WV and 22" (21.6" VIS) NEC LCD22WV provide a work area that's significantly larger than standard aspect ratio screens, allowing you to simultaneously view multiple/side-by-side application windows.

Enhanced screen performance. With contrast ratios as high as 1000:1 (typical) and brightness quality much higher than CRTs at 300 cd/m², outstanding LCD monitor front-of-screen visual performance is NEC's #1 goal. The V Series delivers vibrant colors and flicker-free images that make your time in front of the monitor more comfortable and productive. NEC's Rapid Response™ technology provides for uninterrupted display of full-motion video with response times as quick as 5ms. This remarkably quick motion makes these models better than ever for gaming and video applications such as presentations and streaming web video.

Intelligent power management ensures a smart investment. Using approximately 70% less power and emitting less heat than comparable CRT monitors, V Series monitors allow you to conserve energy and lower your total cost of ownership.

Series Features & Benefits

Exceptional screen performance provides a more comfortable and productive visual experience with crisp, sharp and accurate text and images

Wide-format screen increases productivity by expanding your working area to view multiple application windows (LCD19WV & LCD22WV)

Rapid Response technology delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video

Enhanced cable management helps prevent unattractive, space-consuming wire clutter

On Screen Display (OSD®) puts you in complete control of your screen setting adjustments

No Touch Auto Adjust™ reduces setup time and provides optimal image settings upon initial power-on

Windows® Vista certification maximizes the monitor's resolution capabilities

Wall/arm mounting capability adds flexibility and comfort, while freeing up valuable desktop space (using third-party product)

RoHS compliance ensures the displays are free of hex-chrome, cadmium, PBDE and PBB, with reduced mercury and lead

ENERGY STAR 4.0 compliance/low power consumption reduces electrical costs and lowers total cost of ownership

NEC Display Solutions' quality and reliability provide peace of mind with a 1-year limited parts and labor warranty (including backlight) and 24/7 customer service and technical support

Model	LCD17V	LCD19V	LCD19WV	LCD22WV
Display				
Viewable Image Size	17"	19"	19" widescreen	21.6" widescreen
Pixel Pitch	0.264mm	0.294mm	0.285mm	0.277mm
Pixels Per Inch	96 @ native resolution	86 @ native resolution	89 @ native resolution	92 @ native resolution
Brightness (typical)	270 cd/m ²	270 cd/m ²	300 cd/m ²	300 cd/m ²
Contrast Ratio (typical)	500:1	550:1	1000:1	1000:1
Viewing Angle (typical)	130° Vert., 160° Hor. (60U/70D/80L/80R)	145° Vert., 160° Hor. (75U/70D/80L/80R)	170° Vert., 176° Hor. (85U/85D/88L/88R) (CR > 5)	170° Vert., 170° Hor. (85U/85D/85L/85R) (CR > 5)
Response Time (typical)	Rapid Response (8ms)	Rapid Response (8ms)	Rapid Response (5ms)	Rapid Response (5ms)
Display Colors	More than 16 million	More than 16 million	More than 16 million	More than 16 million
Synchronization Range				
Horizontal	31.5-81 kHz	31.5-81 kHz	30-83 KHz	30-83 KHz
Vertical	56-76 Hz	56-76 Hz	55-75 Hz	55-75 Hz
Input Signal				
Video	Analog 0.7 Vp-p / 75 Ohms	Analog 0.7 Vp-p / 75 Ohms	Analog 0.7 Vp-p/75 Ohms	Analog 0.7 Vp-p/75 Ohms
Sync	Separate Sync: TTL Level (positive/negative)	Separate Sync: TTL Level (positive/negative)	Separate Sync: TTL Level (positive/negative)	Separate Sync: TTL Level (Positive/Negative)
Input	VGA 15 pin D-sub	VGA 15 pin D-sub	VGA 15 pin D-sub	VGA 15 pin D-sub
Resolutions Supported	720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz 1152 x 864 @ 70-75 Hz 1152 x 870 @ 75 Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz	720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz 1152 x 864 @ 70 Hz 1152 x 870 @ 75 Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz	720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-76 Hz 1152 x 864 @ 60-75 Hz 1280 x 768 @ 60-75 Hz 1280 x 960 @ 60 Hz 1280 x 1024 @ 60-76 Hz 1440 x 900 @ 60-75 Hz	720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-76 Hz 1152 x 864 @ 75 Hz 1152 x 870 @ 75 Hz 1280 x 720 @ 60 Hz 1280 x 768 @ 60 Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz 1360 x 768 @ 60-75 Hz 1440 x 900 @ 60-75 Hz 1680 x 1050 @ 60-75 Hz
Native Resolution	1280 x 1024 @ 60 Hz	1280 x 1024 @ 60 Hz	1440 x 900 @ 60 Hz	1680 x 1050 @ 60 Hz
Additional Features	Thin-frame (bezel), tilt, No Touch Auto Adjust, cable management, NaViSet software, digital smoothing, digital controls, user (OSM) controls, Plug and Play (VESA DDC & 2Bi), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, Windows Vista-certified	Thin-frame (bezel), tilt, No Touch Auto Adjust, cable management, NaViSet software, digital smoothing, digital controls, user (OSM) controls, Plug and Play (VESA DDC 1/2B), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, Windows Vista-certified	Thin-frame (bezel), widescreen format, tilt, No Touch Auto Adjust, cable management, digital smoothing, digital controls, AccuColor color control, On Screen Manager user controls, NaViSet software, DDC/CI, Plug and Play (VESA DDC2B), VESA DPMS power management, ISO 13406-2 Class II, Windows Vista-certified	Thin-frame (bezel), widescreen format, tilt, No Touch Auto Adjust, cable management, digital smoothing, digital controls, AccuColor color control, On Screen Manager user controls, NaViSet software, DDC/CI, Plug and Play (VESA DDC2B), VESA DPMS power management, ISO 13406-2 Class II, Windows Vista-certified
Touch Capable	No	No	No	No
Voltage Rating	100-240V @ 50/60 Hz	100-240V @ 50/60 Hz	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V
Power Consumption (typical)				
On	36W	37W	34W	46W
Power Savings Mode	2W	2W	<2W	<2W
Dimensions (W x H x D)				
Net (with stand)	14.5 x 15 x 8.1 in./ 368 x 381.5 x 205mm	16 x 16 x 8.1 in./ 405.5 x 405.5 x 205mm	17.3 x 14.3 x 8.3 in./ 440 x 363 x 210mm	19.9 x 16 x 8.3 in./ 505.8 x 407.5 x 210mm
Net (without stand)	14.5 x 12.5 x 2.4 in./ 368 x 316.5 x 60.6mm	16 x 13.6 x 2.4 in./ 405.5 x 346 x 61.5mm	17.3 x 12.2 x 2.4 in./ 440 x 310.4 x 60.8mm	19.9 x 14.1 x 2.4 in./ 505.8 x 358 x 60.8mm
Weight				
Net (with stand)	8.8 lbs. / 4 kg	11.7 lbs. / 5.3 kg	9.9 lbs. / 4.5 kg	12.1 lbs. / 5.5 kg
Net (without stand)	7.9 lbs. / 3.6 kg	10.8 lbs. / 4.9 kg	9.3 lbs. / 4.2 kg	11.0 lbs. / 5 kg
VESA Hole Configuration Specifications	100 x 100mm	100 x 100mm	100mm x 100mm	100mm x 100mm
Environmental Conditions				
Operating Temperature	5-35°C / 41-95°F	5-35°C / 41-95°F	5-35°C/41-95°F	5-35°C/41-95°F
Operating Humidity	10-80%	10-80%	30-80%	30-80%
Operating Altitude	3048m / 10,000 ft.	3048m / 10,000 ft.	4572m / 15,000 ft.	4572m / 15,000 ft.
Storage Temperature	-10-60°C / 14-140°F	-10-60°C / 14-140°F	-10-60°C/14-140°F	-10-60°C/14-140°F
Storage Humidity	10-85%	10-85%	10-85%	10-85%
Storage Altitude	12,192m / 40,000 ft.	12,192m / 40,000 ft.	12,192m / 40,000 ft.	12,192m / 40,000 ft.
Limited Warranty	1 year parts and labor, including backlight	1 year parts and labor, including backlight	1 year parts and labor, including backlight	1 year parts and labor, including backlight
Technical Support	24 hours / 7 days	24 hours / 7 days	24 hours / 7 days	24 hours / 7 days



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