NEC V Series

19" and 22" LCDs ideal for general business users

Step up to 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. 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 19" (18.5" VIS) NEC V191W and 22" (21.6" VIS) NEC V221W 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. Their wide-format screens (16:9 aspect ratio) 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 of 1000:1 (typical) and brightness quality as high as 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 presentations and streaming web video.

Series Features & Benefits

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

Wide-format screen (16:9 aspect ratio) increases productivity by expanding your working area to view multiple application windows

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

ECO Mode1™ and 2 help save power, reduce heat and extend the life of the display by allowing the user to dim the backlight based on their specific requirements

Carbon footprint meter helps track and calculate the reduction of green gas emissions

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 5.0 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 3-year limited parts and labor warranty (including backlight) and unrivaled customer service and technical support

NEC

Model	V191W	V221W
Display		
Viewable Image Size	18.5"	21.6"
Pixel Pitch	0.3mm	0.248mm
Pixels Per Inch	85	90
Brightness (typical)	280 cd/m²	300cd/m²
Contrast Ratio (typical)	1000:1	800:1
Viewing Angle (typical)	170°V / 176°H (85U/85D/88L/88R) (CR > 5)	178° (89U89D/89L/89R) (CR > 5)
Response Time (typical)	5ms	5ms (rise & fall)
Display Colors	More than 16.7million	More than 16.7million
Synchronization Range		
Horizontal	31.5 - 81 KHz	31.5 - 81 KHz
Vertical	55 - 76 Hz	55 - 76 Hz
Input Signal		
Video	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)
Input	VGA 15-pin D-Sub	VGA 15-pin D-Sub
Resolutions Supported	640 x 400 @ 70 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 @ 70-75 Hz 1280 x 960 @ 60 Hz 1280 x 1024 @ 60 Hz 1360 x 768 @ 60 Hz 1366 x 768 @ 60 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 @ 70-75 Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz 1360 x 768 @ 60 Hz 1366 x 768 @ 60 Hz 1440 x 900 @ 60 Hz 1400 x 1050 @ 60 Hz 1600 x1200 @ 60 Hz 1680 x1050 @ 60 Hz 1920 x1080 @ 60 Hz
Native Resolution	1366 x 768 @ 60 Hz	1920 x1080 @ 60 Hz
Additional Features	Ultra-thin bezel, ECO Mode1 and 2, carbon footprint meter, Windows Vista-certified	Ultra-thin bezel, ECO Mode1 and 2, carbon footprint meter, Windows Vista-certified
Touch Integratable	No	No
Voltage Rating	100-240V @ 50/60 Hz	100-240V @ 50/60 Hz
Power Consumption (typical)		
On	21W / 13W (ECO2)	40W (max.) / 23W (ECO)
Power Savings Mode	0.5W	1W
Dimensions (W x H x D)		
Net (with stand)	17.5 x 13.3 x 7.6 in. / 445.4 x 338.2 x 193.8mm	20.3 x 14.7 x 7.6 in. / 514.5 x 372.5 x 193.6mm
Net (without stand)	17.5 x 10.6 x 2.5 in. / 445.4 x 270.1 x 63.5mm	20.3 x 12.2 x 2.7 in. / 514.5 x 310.2 x 68.5mm
Weight		
Net (with stand)	7.1 lbs. / 3.2 kg	9.5 lbs. / 4.3 kg
Net (without stand)	6.4 lbs. / 2.9 kg	8.8 lbs. / 4 kg
VESA Hole Configuration Specifications	100 x 100mm	100 x 100mm
Environmental Conditions		
Operating Temperature	5 - 35°C / 41 - 95°F	5 - 35°C / 41 - 95°F
Operating Humidity	30 - 80%	30 - 80%
Operating Altitude	2000m / 6562 ft.	2000m / 6562 ft.
Storage Temperature	-10 - 60° C / 14 - 140° F	-10 - 60° C / 14 - 140° F
Storage Humidity	10 - 85%	10 - 85%
Storage Altitude	12,192m / 40,000 ft.	12,192m / 40,000 ft.
Limited Warranty	3 years parts and labor, including backlight	3 years parts and labor, including backlight
Technical Support	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)

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