![NEC]

MULTISYNC® NX FAMILY

MultiSync LCD1700NX™, LCD1920NX™

LCD SERIES

Valuable space savings, advanced technologies and remarkable screen performance—your window to the digital world just got bigger. The introduction of the NEC MultiSync NX family, a series of flexible and innovative flat-panel monitors, marks the unveiling of the premiere 19" NEC LCD monitor and first 17" NEC digital LCD monitor. The 17" NEC MultiSync LCD1700NX and 19" NEC MultiSync LCD1920NX feature high-end technologies that deliver enhanced comfort and control to the visual computing experience and are ideal for home office users and corporate environments alike.

Wide compatibility for today and tomorrow. With both DVI-D and traditional 15-pin VGA connectors, the MultiSync LCD1700NX and LCD1920NX bridge the gap between analog and digital systems by allowing the same monitor to work seamlessly in either environment. This dual-input technology provides compatibility with today's computer systems and is on the forefront of tomorrow's digital output. Digital technology allows for connection with any signal in a preset range, regardless of the frequency output of the video card. Also, because no digital-to-analog conversion is necessary, signal loss is virtually eliminated, resulting in superior picture quality. A standard in the industry for many years, the easy-to-recognize VGA connector ensures hassle-free equipment swaps during technology upgrades. In addition, this technology offers dual system support, allowing you to simultaneously toggle between two systems, such as a PC and a Mac.

Screen-enhancing features. The MultiSync LCD1700NX and LCD1920NX incorporate many components aimed at making the user's time in front of the monitor more productive and comfortable. NEC's Rapid Response™ technology provides for uninterrupted display of full-motion video with response times of 30ms or less. This is a measurement of how many distinct frames can be displayed per second. With Rapid Response, the MultiSync LCD1700NX and MultiSync LCD1920NX deliver streaming video without noticeable ghosting or blurring, while achieving 33 and 40 frames per second (fps), respectively. This remarkably quick motion makes these models ideal for gaming and video applications such as presentations and streaming web video. XtraView® technology allows flexible viewing angles of 170° on all four sides of the screen (85° up, down, left and right) without distortion. The MultiSync 1700NX features XtraView+™, which also reduces off-angle color shift. These technologies, along with flicker-free images and the elimination of glare and reflection, significantly reduce user eyestrain when compared to traditional CRT monitors.

Adheres to the industry's most stringent specifications for on-screen performance. The MultiSync LCD1700NX and LCD1920NX meet all requirements of the ISO 13406-2, which covers features such as viewing angle, pixel faults, luminance, flicker, font analysis, reflections and contrast.

Features and Benefits

Digital and analog inputs provide compatibility with today's and tomorrow's computer systems

XtraView technology allows for wide-angle viewing

Rapid Response delivers virtually uninterrupted, undistorted viewing of full-motion video applications

Slim footprint liberates you and your desk (60% weight and space reductions compared to CRT monitors)

Supports multiple resolutions up to 1280 x 1024 for superior image clarity

Cabinet color options of white or black allow you to match your system or laptop

Adheres to ISO 13406-2 requirements for quality screen performance

Low power consumption (up to 50% less than comparable CRT monitors) and reduced emissions conserve energy and reduce costs

AccuColor® Control System allows you to adjust on-screen colors to your personal preference

NEC-Mitsubishi's quality and reliability provide peace of mind with a limited 3-year parts and labor warranty (including backlight) and 24/7 customer service and technical support

SEE MORE.™

NEC/MITSUBISHI
NEC-MITSUBISHI ELECTRONICS DISPLAY

Model	MultiSync LCD1700NX	MultiSync LCD1920NX
Display		
Viewable Size Image	17"/43.26cm	19"/48.19cm
Pixel Pitch	.264mm	.294mm
Pixels Per Inch	96 @ native resolution	86 @ native resolution
Brightness	200 cd/m²	250 cd/m²
Contrast Ratio	300:1	500:1
Viewing Angle	85/85/85/85 (U/D/L/R)	85/85/85/85 (U/D/L/R)
Response Time	Rapid Response (30ms)	Rapid Response (25ms)
Display Colors	More than 16 million	More than 16 million
Synchronization Range		
Horizontal	31.5-81.1 kHz	31.5-80 kHz
Vertical	56-76 Hz	56-75 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)
		Composite Sync: TTL Level (positive/negative)
Input	DVI-D and VGA 15 pin D-sub	DVI-D and VGA 15 pin D-sub

Resolutions Supported

	LCD1700NX Analog:	LCD1700NX Digital:	LCD1920NX Analog:	LCD1920NX Digital:
	720 x 400 @ 70 Hz	720 x 400 @ 70 Hz	720 x 400 @ 70 Hz	720 x 400 @ 70 Hz
	640 x 480 @ 60-75 Hz	640 x 480 @ 60-75 Hz	640 x 480 @ 60-75 Hz	640 x 480 @ 60-75 Hz
	800 x 600 @ 56-75 Hz	800 x 600 @ 56-75 Hz	800 x 600 @ 56-75 Hz	800 x 600 @ 56-75 Hz
	832 x 624 @ 75 Hz	832 x 624 @ 75 Hz	832 x 624 @ 75 Hz	832 x 624 @ 75 Hz
	1024 x 768 @ 60-75 Hz	1024 x 768 @ 60-75 Hz	1024 x 768 @ 60-75 Hz	1024 x 768 @ 60-75 Hz
	1152 x 870 @ 75 Hz	1280 x 1024 @ 60 Hz	1152 x 870 @ 75 Hz	1152 x 870 @ 75 Hz
	1280 x 1024 @ 60-76 Hz		1280 x 1024 @ 60-75 Hz	1280 x 1024 @ 60-75 Hz
	(60 Hz is recommended)		(60 Hz is recommended)	

	LCD1700NX	LCD1920NX
Additional Features	LiquidView, XtraView+ technology, Digital Smoothing, Digital Controls, Plug and Play (VESA DDC2B&2Bi), VESA DPMS power management, User OSM controls, ISO 13406-2 Class 2	XtraView technology, Auto Adjust, Digital Smoothing, Digital Controls, Plug and Play (VESA DDC2B&2Bi) VESA DPMS power management, User OSM controls, ISO 13406-2 Class 2
Voltage Rating	Universal 100 (110-240V) 50-60 Hz	Universal 100 (110-240V) 50-60 Hz
Power Consumption		
On:	41W	38W
Power Savings Mode:	3W	3W
Dimensions (W x H x D)		
Net (with stand)	17.1 x 17.2 x 8.7 in./434 x 437 x 220mm	17.1 x 16.7 x 8.1 in./434.5 x 423 x 205mm
Net (without stand)	17.1 x 15.1 x 2.8 in./434 x 384.2 x 71.5mm	17.1 x 15 x 2.7 in./434.5 x 380 x 69.5mm
Net Weight		
(with stand)	13.7 lbs./6.2 kg	17.6 lbs./8.0 kg
(without stand)	10.4 lbs./4.7 kg	14.3 lbs./6.5 kg
VESA Hole Configuration Specifications	100mm x 100mm	100mm x 100mm
Environmental Conditions		
Operating Temperature:	5-35°C/41-95°F	5-35°C/41-95°F
Operating Humidity:	30-80%	10-80%
Operating Altitude:	3,658m/12,000 ft.	3,000m/9,843 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.	12,000m/39,370 ft.
Limited Warranty	3 years parts and labor, including backlight	3 years parts and labor, including backlight
Technical Support	24 hours/7 days	24 hours/7 days

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NEC-MITSUBISHI ELECTRONICS DISPLAY