NEC AccuSync™ LCD Series

Flat-panel monitors ideal for home users, small-to-medium businesses and educational settings

High-end LCD monitors don't necessarily have to be associated with high-end prices. As flat-panel display technology advances and becomes more mainstream, pricing continues to drop, making LCD monitors increasingly affordable for a variety of users. NEC AccuSync LCD Series monitors have set a new standard in value for this product category. In fact, with affordability akin to that of comparable CRT monitors, AccuSync LCD 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 15" NEC AccuSync LCD52V, 17" NEC AccuSync LCD72V, 19" NEC AccuSync LCD92V and 20" NEC AccuSync LCD200VX deliver ideal visual display solutions to small-to-medium-sized businesses and educational environments, as well as general home users, whether you're creating presentations, surfing the Internet or playing your favorite video game. The 15" NEC AccuSync LCD52VM and 17" NEC AccuSync LCD72VM, which boast integrated, front-firing speakers, further expand your application possibilities with their high-quality multimedia capabilities.

Enhanced screen performance. With contrast ratios as high as 450:1 (typical) and brightness quality much higher than CRTs at 250 cd/m², outstanding LCD monitor front-of-screen visual performance is NEC's #1 goal. The AccuSync LCD 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 of 25ms or less. This remarkably quick motion makes these models better than ever for gaming and video applications such as presentations and streaming web video. With XtraView® wide-angle viewing technology, available with the AccuSync LCD92V and LCD200VX, you can enjoy flexible horizontal and vertical viewing angles. With both DVI-D and traditional 15-pin VGA connectors featured on the AccuSync LCD200VX, you can bridge the gap between analog and digital systems by allowing the same monitor to work seamlessly in either environment.

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

Series Features and Benefits

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

NaViSet™ software offers an expanded and intuitive interface, allowing you to more easily adjust display settings via mouse and keyboard

Slim footprint liberates you and your desk (up to 70% weight reductions and up to 60% less space required compared to CRT monitors)

Low power consumption reduces electrical costs and lowers total cost of ownership

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

Cabinet color options of white or black allow coordination with various systems, laptops or work environments (AccuSync LCD52V, LCD52VM, LCD72V, LCD92V and LCD200VX)

On Screen Manager (OSM⁶) puts you in complete control of your screen setting adjustments

Built-in, front-firing multimedia speakers provide quality sound (AccuSync LCD52VM and LCD72VM)

Touch or protective glass integration-enabling design increases application options

Built-in power supply allows for easy mounting of the display

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

XtraView technology provides for some of the widest viewing angles available (AccuSync LCD92V and LCD200VX)

Adheres to ISO 13406-2 Class II requirements for quality screen performance

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

NEC NEC Display Solutions

NEC AccuSync LCD Series Specifications

Model	AccuSync LCD52V	AccuSync LCD52VM	AccuSync LCD72V	AccuSync LCD72VM	AccuSync LCD92V	AccuSync LCD200VX
Display:						
Viewable Image Size	15"	15"	17"	17"	19"	20.1"
Pixel Pitch	0.297mm	0.297mm	0.264mm	0.264mm	0.294mm	0.255mm
Pixels Per Inch	86 @ native resolution	86 @ native resolution	96 @ native resolution	96 @ native resolution	86 @ native resolution	100 @ native resolution
Brightness (typical)	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²
Contrast Ratio (typical)	400:1	400:1	450:1	450:1	450:1	400:1
Viewing Angle (typical)	110° Vert., 140° Hor. (55U/55D/70L/70R)	110° Vert., 140° Hor. (55U/55D/70L/70R)	145° Vert., 160° Hor. (75U/70D/80L/80R)	145° Vert., 160° Hor. (75U/70D/80L/80R)	160° Vert., 160° Hor. (80U/80D/80L/80R)	160° Vert., 160° Hor. (80U/80D/80L/80R)
Response Time (typical)	Rapid Response (25ms)	Rapid Response (25ms)	Rapid Response (16ms)	Rapid Response (16ms)	Rapid Response (16ms)	Rapid Response (16ms)
Display Colors	More than 16 million	More than 16 million	More than 16 million	More than 16 million	More than 16 million	More than 16 million
Synchronization Range:						
Horizontal	31.5-60 kHz	31.5-60 kHz	31.5-81 kHz	31.5-81 kHz	31.5-81 kHz	31.5-91.1 kHz
Vertical	56-75 Hz	56-75 Hz	56-75 Hz	56-75 Hz	56-75 Hz	56-85 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	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)	Separate Sync: TTL Level (positive/negative)	Separate Sync: TTL Level (positive/negative) Composite Sync: TTL Level (positive/negative) Composite Sync on Green (0.3 Vp-p negative 0.7 Vp-p positive)
Input	15-pin D-sub	15-pin D-sub	15-pin D-sub	15-pin D-sub	15-pin D-sub	DVI-D and 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	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	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 1024 @ 60-75 Hz 1280 x 960 @ 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 1024 @ 60-75 Hz 1280 x 960 @ 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 1024 @ 60-75 Hz 1280 x 960 @ 60-75 Hz	Analog/Digital 720 x 350 @ 70-85 Hz 720 x 400 @ 70-85 Hz 640 x 480 @ 60-85 Hz 800 x 600 @ 56-85 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-85 Hz 1152 x 864 @ 70-85 Hz 1152 x 870 @ 75 Hz 1152 x 900 @ 66 Hz 1280 x 960 @ 60-85 Hz 1280 x 1024 @ 60-85 Hz 1600 x 1200 @ 60 Hz
Native Resolution	1024 x 768 @ 75 Hz	1024 x 768 @ 75 Hz	1280 x 1024 @ 60 Hz	1280 x 1024 @ 60 Hz	1280 x 1024 @ 60 Hz	1600 x 1200 @ 60 Hz
Additional Features	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, cable management	Bezel-integrated speakers, NaViSet software, digital smoothing, digital controls, user (OSM) controls, Plug and Play (VESA DDC2B & 2Bi), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, 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, cable management	Bezel-integrated speakers, NaViSet software, digital smoothing, digital controls, user (OSM) controls, Plug and Play (VESA DDC2B & 2Bi), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, cable management	NaViSet software, XtraView wide-angle viewing, user (OSM) controls,Plug and Play (VESA DDC2B), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, cable management	XtraView wide-angle viewing, No Touch Auto Adjust, 3rd party touchscreen and protective glass integration, NaViSet software, digital smoothing, digital controls, color control (4-mode memory + sRGB + NATIVE), user (OSM) controls,Plug and Play (VESA DDC2B/DDC/CI), VESA DPMS power management, cable management, ISO 13406-2 Class II, vacation switch, internal power supply, swivel at stand base, Sync on Green, height-adjustable stand
Touch-Capable	Designed for integration	Designed for integration	Designed for integration	Designed for integration	Designed for integration	Designed for integration
Voltage Rating	100-240V @ 50/60 Hz	100-240V @ 50/60 Hz	100-240V @ 50/60Hz	100-240V @ 50/60 Hz	100-240V @ 50/60Hz	100-240V @ 50/60Hz
Power Consumption (typical):						
On	21W	23W	30W	34W	37W	52W
Power Savings Mode	<2W	<2W	<2W	<2W	<2W	2W
Dimensions (W x H x D):						
Net (with stand)	13.6 x 13.9 x 6.5 in. / 344.6 x 352.7 x 165mm	13.6 x 13.9 x 6.5 in. / 344.6 x 352.7 x 165mm	14.8 x 15.3 x 7.1 in. / 375.4 x 389 x 180mm	14.8 x 15.3 x 7.1 in. / 375.4 x 389 x 180mm	16.5 x 16.8 x 7.9 in. / 418 x 427.8 x 199.5mm	17.5 x 15.4-18.2 x 8.4 in. / 445 x 391.3-461.7 x 213.6mm
Net (without stand)	13.6 x 11.2 x 2.3 in. / 344.6 x 285 x 57.5mm	13.6 x 11.2 x 2.3 in. / 344.6 x 285 x 57.5mm	14.8 x 12.9 x 2.4 in. / 375.4 x 326.5 x 61mm	14.8 x 12.9 x 2.4 in. / 375.4 x 326.5 x 61mm	16.5 x 14.6 x 2.7 in. / 418 x 369.8 x 68mm	17.5 x 14.3 x 3.1 in. / 445 x 363 x 78.5mm
Weight						
Net (with stand)	7.1 lbs. /3.2 kg	7.3 lbs. /3.3 kg	10.1 lbs. /4.6 kg	10.4 lbs. /4.7 kg	14.3 lbs. /6.5 kg	20.7 lbs. /9.4 kg
Net (without stand)	6.2 lbs. /2.8 kg	6.4 lbs. /2.9 kg	9.3 lbs. /4.2 kg	9.5 lbs. /4.3 kg	12.1 lbs. /5.5 kg	15.2 lbs. /6.9 kg
VESA Hole Configuration Specifications	75 x 75mm	75 x 75mm	100 x 100mm	100 x 100mm	100 x 100mm	100 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	5-35°C / 41-95°F	5-35°C / 41-95°F
Operating Humidity	10-80%	10-80%	10-80%	10-80%	10-80%	30-80%
Operating Altitude	3048m /10,000 ft.	3048m /10,000 ft.	3048m /10,000 ft.	3048m /10,000 ft.	3048m /10,000 ft.	3658m /12,000 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	-10-60°C /14-140°F	-10-60°C /14-140°F
Storage Humidity	10-85%	10-85%	10-85%	10-85%	10-85%	10-85%
Storage Altitude	12,142m /40,000 ft.	12,192m /40,000 ft.	12,192m /40,000 ft.	12,192m /40,000 ft.	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	3 years parts and labor, including backlight	3 years parts and labor, including backlight	3 years parts and labor, including backlight	3 years parts and labor, including backlight
Technical Support	24 hours /7 days	24 hours /7 days	24 hours/7 days	24 hours /7 days	24 hours/7 days	24 hours/7 days

ENERGY STAR

NEC Display Solutions

500 Park Boulevard, Suite 1100
Itasca, Illinois 60143
866-NEC-MORE
www.necdisplay.com

Empowered by Innovation

NEC