NEC AccuSync™ LCD Series

17" and 19" trade-compliant LCDs

Series Features and Benefits

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

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

Ambix dual-input technology allows for digital/analog compatibility with upgraded video cards and software as well as connection to two systems

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

Touch or protective glass integration- enabling design increases application options

On Screen Manager (OSM®) 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

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

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 lead, hex-chrome, cadmium, PBDE and PBB, with reduced mercury

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 3-year limited parts and labor warranty (including backlight) and 24/7 customer service and technical support

Elect a new, enhanced display experience for your desktop. For many years, NEC Display Solutions has supported the public sector market—Federal, state and local government agencies, as well as elementary and secondary schools, universities, libraries, teaching hospitals and government-funded medical centers play a key public service role. These facilities help make today's and tomorrow's world a better place, while providing meaningful and impacting experiences to their employees and various affiliates. In its efforts to further enhance the productivity of these establishments, NEC offers display solutions highlighted by its high-quality 17" NEC AccuSync LCD72VX and 19" NEC AccuSync LCD92VX, which have set a new standard in value for this product category.

Made to trade. At NEC, we understand the unique challenges of our government customers, so we strive to make it easier for them to purchase our products. With the AccuSync LCD72VX and LCD92VX being trade-compliant, the hassle that is sometimes associated with procuring computer hardware is eliminated.

What could you see with NEC?

NEC
NEC Display Solutions

Kind to the environment. As part of its commitment to producing and delivering energy-efficient, environmentally friendly monitors for facilities striving to be more "green" with their technology purchases, NEC currently offers the largest selection of monitors that are in compliance with the Electronic Product Environment Assessment Tool (EPEAT) standards. With the NEC AccuSync LCD72VX and LCD92VX, NEC is currently the only manufacturer to offer both trade-compliant displays that also are EPEAT silver-certified. In fact, more than 95% of NEC monitors have been awarded silver certification from EPEAT. EPEAT-compliant monitors are recognized for helping reduce hazardous waste and electricity usage, resulting in lower energy costs and increased protection for the environment. EPEAT-certified products contain reduced levels of cadmium, lead and mercury. They are also more energy-efficient, which reduces emissions of climate-changing greenhouse gases, and they decrease acquisition costs over the lifetime of the monitors by reducing energy consumption and minimizing recycling fees.

Enhanced screen performance. With contrast ratios as high as 500:1 (typical) and brightness quality much higher than CRTs at 250 cd/m², 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 as quick as 12ms. This remarkably quick motion makes these models better than ever for gaming and video applications such as presentations and streaming web video.

Compatibility for today and tomorrow. With Ambix® dual-input technology–which utilizes both DVI-D and traditional 15-pin VGA connectors–you can bridge the gap between analog and digital systems by allowing the same monitor to work seamlessly in either environment. Ambix provides compatibility with today's computer systems and is on the forefront of tomorrow's digital output.

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.

Model	AccuSync LCD72VX-BK-TA	AccuSync LCD92VX-BK-TA
Display:		
Viewable Image Size	17"	19"
Pixel Pitch	0.264mm	0.294mm
Pixels Per Inch	96 @ native resolution	86 @ native resolution
Brightness (typical)	250 cd/m2	250 cd/m2
Contrast Ratio (typical)	450:1	500:1
Viewing Angle (typical)	145° Vert., 160° Hor. (75U/70D/80L/80R)	145° Vert., 160° Hor. (75U/70D/80L/80R)
Response Time (typical)	Rapid Response (8ms)	Rapid Response (8ms)
Display Colors	More than 16 million	More than 16 million
Synchronization Range:		
Horizontal	31.5-81.1 kHz (Analog/Digital)	31.5-81.1 kHz (Analog/Digital)
Vertical	56-76 Hz	56-76 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	DVI-D and VGA 15 pin D-sub	DVI-D and 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 @ 70-75 Hz 1152 x 870 @ 75 Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz
Native Resolution	1280 x 1024 @ 60 Hz	1280 x 1024 @ 60 Hz
Additional Features	Thin-frame (bezel), tilt, No Touch Auto Adjust, cable management, touchscreen- compatible, 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	Thin-frame (bezel), tilt, No Touch Auto Adjust, cable management, touchscreen- compatible, 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
Touch-Capable	Designed for integration	Designed for integration
Voltage Rating	AC 100-120V/AC 220-240V	100-240V @ 50/60Hz
Power Consumption (typical):		
On	30W	37W
Power Savings Mode	< 2W	< 2W
Dimensions (W x H x D):		
Net (with stand)	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
Net (without stand)	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
Weight		
Net (with stand)	10.1 lbs. / 4.6 kg	14.3 lbs. / 6.5 kg
Net (without stand)	9.3 lbs. / 4.2 kg	12.1 lbs. / 5.5 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	10-80%	10-80%
Operating Altitude	3048m / 10,000 ft.	3048m / 10,000 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	24 hours/7 days	24 hours/7 days

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