

NEC AccuSync™ Wide LCD Series

17" - 22" widescreen flat-panel monitors
ideal for home users



Stretch your screen real estate and budget with high-performance widescreen LCD monitors. With display trends increasingly moving toward widescreen desktop models, now is the perfect time to begin realizing the benefits of NEC AccuSync Wide LCD Series monitors. The 17" NEC AccuSync LCD174WXM, 19" NEC AccuSync LCD194WXM and 22" NEC AccuSync LCD224WXM not only tout integrated speakers and Windows Vista compliance but provide roughly the same work area as two smaller-sized LCD screens, allowing you to simultaneously work in multiple application windows. These displays help optimize your productivity while computing and maximize your overall purchase value.

Enhanced screen performance. With contrast ratios up to 1000:1 (typical) and brightness up to 300 cd/m², outstanding LCD monitor front-of-screen visual performance is NEC's #1 goal. The AccuSync Wide 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 5ms. This remarkably seamless motion makes these models better than ever for gaming, and video applications such as presentations and streaming web video.

Wide 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.



These models' built-in speakers (pictured at left) boost the senses with rich sound during presentations or other display applications. Integrated into the bottom of the cabinet, the speakers add multimedia excitement to the desktop computing experience without adding bulk to the display's design.

Series Features and Benefits

Wide-format screen increases productivity by expanding your working area to view multiple application windows

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

Windows® Vista compliance maximizes the monitor's resolution capabilities

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

Built-in multimedia speakers provide quality sound

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

ECO Mode™ function, easily triggered through the OSD, helps extend the life of the display by allowing the user to dim the backlight, thereby reducing heat generation, conserving energy and increasing cost savings

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

NaViSet™ software (available via download) 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 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 3-year limited parts and labor warranty (including backlight) and unrivaled customer service and technical support

Model	AccuSync LCD174WXM	AccuSync LCD194WXM	AccuSync LCD224WXM
Display			
Viewable Image Size	17" widescreen	19" widescreen	22" widescreen
Pixel Pitch	0.255mm	0.284	0.282
Pixels Per Inch	100 @ native resolution	90 @ native resolution	90 @ native resolution
Brightness (typical)	250 cd/m ²	300 cd/m ²	300 cd/m ²
Contrast Ratio (typical)	800:1	1000:1	900:1
Viewing Angle (typical)	170° Vert., 176° Hor. (85U/85D/88L/88R) (CR > 5)	176° Vert., 176° Hor. (88U/88D/88L/88R) (CR > 5)	176° Vert., 176° Hor. (88U/88D/88L/88R) (CR > 5)
Response Time (typical)	Rapid Response (8ms)	Rapid Response (5ms)	Rapid Response (5ms)
Display Colors	More than 16 million	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)	31.5 - 81.1 KHz (Analog/Digital)
Vertical	56 - 75 Hz	56 - 76 Hz	56 - 76 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
Sync	Separate Sync: TTL Level (Positive/Negative)	Separate Sync: TTL Level (Positive/Negative)	Separate Sync: TTL Level (Positive/Negative)
Input	DVI-D and VGA 15-pin D-sub	DVI-D and VGA 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 1152 x 864 @ 60-75 Hz 1152 x 870 @ 75 Hz 1280 x 768 @ 60-75 Hz 1360 x 768 @ 60-75 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 @ 60-75 Hz 1152 x 864 @ 60-75 Hz 1152 x 870 @ 75 Hz 1280 x 768 @ 60-75 Hz 1360 x 768 @ 60-75 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 @ 60-75 Hz 1152 x 864 @ 60-75 Hz 1152 x 870 @ 75 Hz 1280 x 768 @ 60-75 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 1400 x 1050 @ 60-75 Hz 1680 x 1050 @ 60-75 Hz
Native Resolution	1440 x 900 @ 60-75 Hz	1440 x 900 @ 60-75 Hz	1680 x 1050 @ 60-75 Hz
Additional Features	Thin-frame (bezel), tilt, integrated speakers, headphone jack, No Touch Auto Adjust, cable management, ECO Mode, digital smoothing, digital controls, AccuColor color control, sRGB, On Screen Display user controls, NaViSet software, DDC/CI, Plug and Play (VESA DDC2B), VESA DPMS power management, ISO 13406-2 Class II, Energy Star Tier 2, Windows Vista certification	Thin-frame (bezel), tilt, integrated speakers, headphone jack, No Touch Auto Adjust, cable management, ECO Mode, digital smoothing, digital controls, AccuColor color control, sRGB, On Screen Display user controls, NaViSet software, DDC/CI, Plug and Play (VESA DDC2B), VESA DPMS power management, ISO 13406-2 Class II, Energy Star Tier 2, Windows Vista certification	Thin-frame (bezel), tilt, integrated speakers, headphone jack, No Touch Auto Adjust, cable management, ECO Mode, digital smoothing, digital controls, AccuColor color control, sRGB, On Screen Display user controls, NaViSet software, DDC/CI, Plug and Play (VESA DDC2B), VESA DPMS power management, ISO 13406-2 Class II, Energy Star Tier 2, Windows Vista certification
Touch-Capable	Yes*	Yes*	Yes*
Voltage Rating	AC 100-120V/AC 220-240V	AC 100-120V/AC 220-240V	AC 100-120V/AC 220-240V
Power Consumption (typical)			
On	25W	41W	50W
Power Savings Mode	< 2W	< 2W	< 2W
Dimensions (W x H x D)			
Net (with stand)	15.7 x 12.7 x 8.3 in. / 400 x 323.5 x 209.8mm	17.3 x 13.7 x 8.3 in./439.4 x 347.1 x 209.8mm	19.9 x 15.4 x 8.7 in./505.2 x 390.9 x 221.8mm
Net (without stand)	15.7 x 10.8 x 2.5 in. / 400 x 275.5 x 63mm	17.3 x 11.8 x 2.5 in./439.4 x 299.8 x 64.6mm	19.9 x 13.5 x 2.6 in./505.2 x 342.9 x 65.2mm
Weight			
Net (with stand)	8.2 lbs. / 3.7 kg	10.1 lbs. / 4.6 kg	11.5 lbs. / 5.2 kg
Net (without stand)	7.5 lbs. / 3.4 kg	9.5 lbs. / 4.3 kg	10.6 lbs. / 4.8 kg
VESA Hole Configuration Specifications	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
Operating Humidity	30 - 80%	30 - 80%	30 - 80%
Operating Altitude	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
Storage Humidity	10 - 85%	10 - 85%	10 - 85%
Storage Altitude	12,192m / 40,000 ft.	12,192m / 40,000 ft.	12,192m / 40,000 ft.
Limited Warranty	3 year parts and labor, including backlight	3 year parts and labor, including backlight	3 year parts and labor, including backlight
Technical Support	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)

* Only cabinet space available for wiring. No power supply.



Ambix and OSD are registered trademarks, and AccuSync, ECO Mode, NaViSet, No Touch Auto Adjust and Rapid Response are trademarks of NEC Display Solutions. All other brand or product names are trademarks or registered trademarks of their respective holders.

Product specifications subject to change. 6/08 ver. 2.

©2008 NEC Display Solutions of America, Inc.

NEC Display Solutions

500 Park Boulevard, Suite 1100
Itasca, IL 60143
866-NEC-MORE

NEC