NEC AccuSync™ GX/CX LCD Series

19", 22" & 24" widescreen flat-panel monitors ideal for home users

Turn your desktop into the ultimate entertainment center. With the NEC AccuSync GX/CX LCD Series, there are no limits to what you can enjoy on your desktop. The 19" NEC AccuSync LCD-19WMGX, 22" NEC AccuSync LCD22WMGX and 24" NEC AccuSync LCD24WMCX feature bright, colorful screen performance, a variety of digital connections and technologies that promote high-speed video. In addition, their wide-format screens provide a viewable area that's significantly larger than standard aspect ratio screens, allowing you to simultaneously view multiple/side-by-side application windows. All of these benefits make the AccuSync GX/CX LCD Series ideal for techno-savvy users looking for an enhanced visual experience with video games, streaming video, photo viewing and other applications that require jaw-dropping color and contrast or wide connectivity.

Enhanced screen performance. With dynamic contrast ratios up to 2000:1 (dynamic) and brightness up to 400 cd/m^2, outstanding LCD monitor front-of-screen visual performance is NEC's #1 goal. The AccuSync GX/CX LCD Series delivers vibrant colors and flicker-free images that make your time in front of the monitor more comfortable and engaging. OptiClear® screen technology (featured on the LCD19WMGX and LCD22WMGX) delivers true-to-life images with remarkable clarity and color, while NEC's Rapid Response™ technology provides for uninterrupted display of full-motion video with lightning-fast response times of 5ms. This remarkably seamless motion makes these models better than ever for gaming and video applications such as streaming web video.

Connect to the latest components. With the advanced screen capabilities of AccuSync GX/CX LCD Series displays, it is only fitting that they be compatible with the most cutting-edge peripherals. Component (featured on the LCD22WMGX and LCD24WMCX), HDMI and DVI inputs with HDCP support allow you to hook up to the most recently unveiled video consoles, computers, DVD players and other high-definition components for an optimal visual performance.

Series Features and Benefits

Super-bright OptiClear screen technology provides rich color saturation, remarkable clarity and true-to-life contrast to enhance the user's overall visual perception (LCD19WMGX & LCD22WMGX)

Remarkable brightness makes images and video jump off the screen with vivid realism

HDMI connectivity w/ HDCP support links you to the latest, most advanced peripherals

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

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

Dynamic Video Mode enhances video and images with real-time optimization of brightness, color and contrast

Built-in, multimedia speakers provide quality sound

Piano black glossy bezel adds a stylish appeal to your desktop

Windows® Vista certification 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

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

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

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	AccuSync LCD19WMGX	AccuSync LCD22WMGX	AccuSync LCD24WMCX
Display			
Viewable Image Size	19"	22"	24"
Pixel Pitch	0.285mm	0.282mm	0.270mm
Pixels Per Inch	89 @ native resolution	90 @ native resolution	90 @ native resolution
Brightness (typical)	380 cd/m²	300 cd/m²	400 cd/m²
Contrast Ratio (typical)	1000:1	2000:1 (dynamic)	2000:1 (dynamic)
Viewing Angle (typical)	160 Vert., 170 Hor. (80U/80D/85L/85R) (CR > 10)	160 Vert., 170 Hor. (80U/80D/85L/85R) (CR > 10)	178 Vert., 178 Hor. (89U/89D/89L/89R) (CR > 5)
Response Time (typical)	Rapid Response (5ms)	Rapid Response (5ms)	Rapid Response (5ms)
Display Colors	More than 16.7 million	More than 16.7 million	More than 16.7 million
Synchronization Range			
Horizontal	30 - 83 kHz (Analog/Digital)	30 - 83 kHz (Analog/Digital)	31.5-92 kHz (Analog), 31.5-91.1 KHz (Digital)
Vertical	55 - 75 Hz	60 - 75 Hz	60 - 75 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, HDMI (via DVI-D adapter)	DVI-D, VGA 15 pin D-sub, Component Video and Audio (RCA), HDMI, coaxial digital audio (output)	DVI-D, VGA 15 pin D-sub, Component Video and Audio (RCA), HDMI, coaxial digital audio (output)
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 @ 75 Hz 1280 x 768 @ 60 Hz 1280 x 960 @ 60 Hz 1280 x 1024 @ 60-76 Hz 1440 x 900 @ 60 Hz 480p, 576p, 720p, 1080p, 1080i	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 @ 75 Hz 1152 x 870 @ 75 Hz 1280 x 720 @ 60 Hz 1280 x 768 @ 60-75Hz 1280 x 960 @ 60 Hz 1280 x 1024 @ 60-75 Hz 1360 x 768 @ 60 Hz 1440 x 900 @ 60 Hz 1680 x 1050 @ 60 Hz 480i, 480p, 576p, 720p, 1080p, 1080i	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 @ 75 Hz 1152 x 870 @ 75 Hz 1280 x 720 @ 60 Hz 1280 x 768 @ 60-75Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz 1360 x 768 @ 60 Hz 1440 x 900 @ 60 Hz 1680 x 1050 @ 60 Hz 1600 x 1200 @ 60 Hz 1920 x 1200 @ 60 Hz 480i, 480p, 576p, 720p, 1080p, 1080i
Native Resolution	1440 x 900 @ 60-75 Hz	1680 x 1050 @ 60 Hz	1920 x 1200 @ 60 Hz
Additional Features	OptiClear, glossy bezel, widescreen format, tilt, integrated speakers, No Touch Auto Adjust, cable management, digital smoothing, digital controls, AccuColor color control, On Screen Display (OSD) user controls, NaViSet software, DDC/CI, Plug and Play (VESA DDC2B), VESA DPMS power management, ISO 13406-2 Class II, Dynamic Video Mode, Windows Vista Premium-certified	OptiClear, glossy bezel, widescreen format, tilt, integrated speakers, No Touch Auto Adjust, cable management, digital smoothing, digital controls, AccuColor color control, On Screen Display (OSD) user controls, NaViSet software, DDC/CI, Plug and Play (VESA DDC2B), VESA DPMS power management, ISO 13406-2 Class II, Dynamic Video Mode, head-phone jack, Windows Vista Premium-certified	Glossy bezel, widescreen format, tilt, integrated speakers, No Touch Auto Adjust, cable management, digital smoothing, digital controls, AccuColor color control, On Screen Display (OSD) user controls, NaViSet software, DDC/CI, Plug and Play (VESA DDC2B), VESA DPMS power management, ISO 13406-2 Class II, TCO '06, Dynamic Video Mode, headphone jack, Windows Vista Premium-certified
Touch-Capable	No	No	No
Voltage Rating	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V
Power Consumption (typical)			
On	40W	48W	98W
Power Savings Mode	< 2W	< 2W	< 2W
Dimensions (W x H x D)			
Net (with stand)	17.3 x 14.3 x 8.3 in. / 440 x 363 x 210mm	19.9 x 16 x 8.3 in. / 505.8 x 407.5 x 210mm	22.1 x 18.1 x 10.2 in. / 561.8 x 460 x 260mm
Net (without stand)	17.3 x 12.2 x 2.4 in. / 440 x 310.4 x 60.8mm	19.9 x 14.1 x 2.1 in. / 505.8 x 358 x 60.8mm	22.1 x 15.5 x 3.4 in. / 561.8 x 392.7 x 86mm
Weight			
Net (with stand)	9.9 lbs./ 4.5 kg	12 lbs. / 5.5 kg	15.4 lbs. / 7 kg
Net (without stand)	9.3 lbs./ 4.2 kg	11 lbs. 5 kg	14.3 lbs. / 6.5 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	4572m / 15,000 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 years parts and labor, including backlight	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)	M - F (7am - 7pm CST)

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