NEC MultiSync® 5 Series

17" - 22" LCDs ideal for corporate environments

New models with pivot capabilities, speakers and USB 2.0 hubs now available!

Taking care of business never looked so stylish. With its NEC MultiSync 5 Series, which boasts cutting-edge technologies and dynamic design accents, NEC Display Solutions gives you the ability to increase your productivity with monitors that add a modern flair to your desktop. The series includes a full line of versatile displays—from standard aspect ratio monitors to models with wide-format screens and integrated multimedia speakers—to meet the diverse needs of businesses of all kinds.

A new perspective on productivity. This series' widescreen displays provide a viewable area significantly larger than standard aspect ratio screens, allowing you to work simultaneously in multiple/side-by-side application windows. In addition, the LCD195NXM, LCD205WNXM and LCD-225WNXM feature pivot capabilities and height-adjustable stands (up to 110mm), allowing you to create an ideal ergonomic display orientation for maximum viewing comfort.

Enhanced screen performance. With contrast ratios as high as 1000:1 (typical) and brightness quality up to 300 cd/m^2, outstanding LCD monitor front-of-screen visual performance is NEC Display Solutions' #1 goal. Rapid Response™ technology provides for lifelike full-motion video display without distortion at response times as swift as 5ms.

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.

The built-in speakers (pictured at left) of the LCD175VXM+, LCD195NXM and widescreen models boost the senses with amazing 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. The height-adjustable stand (NXM version pictured at right) and tilt function bring the display to your preferred comfort level, while the swivel and pivot capabilities (available on select widescreen models) create new viewing options on your desktop.

Series Features & Benefits

Height-adjust, pivot and swivel capabilities add flexibility and comfort to your viewing preferences (height-adjust: all models; pivot: LCD195NXM, LCD205WNXM, LCD-225WNXM; swivel: all widescreen models)

Wide-format screen increases productivity by expanding your working area for multiple application windows (LCD195WXM, LCD205WXM, LCD205WNXM, LCD225WXM, LCD225WNXM)

Integrated USB 2.0 hub gives you convenient connections to peripherals (LCD195NXM, LCD205WNXM, LCD225WNXM)

Space-saving, down-firing multimedia speakers provide quality sound (LCD175VXM+, LCD-195WXM, LCD195NXM, LCD205WXM, LCD-205WNXM, LCD225WXM, LCD225WNXM)

Touch or protective glass integration-enabling design increases application options

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

XtraView® technology provides for some of the widest viewing angles available

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)

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

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

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

NEC

Model	MultiSync LCD175VX+/M+*	MultiSync LCD195VX+	MultiSync LCD195NXM	MultiSync LCD195WXM	MultiSync LCD205WXM	MultiSync LCD205WNXM	MultiSync LCD225WXM	MultiSync LCD225WNXM
Display								
Viewable Image Size	17"	19"	19"	19"	20.1"	20.1"	22"	22"
Pixel Pitch	0.264mm	0.294mm	0.294mm	0.284mm	0.258mm	0.258mm	0.282mm	0.282mm
Pixels Per Inch	96 @ native resolution	86 @ native resolution	98 @ native resolution	89 @ native resolution	98 @ native resolution	98 @ native resolution	90 @ native resolution	90 @ native resolution
Brightness (typical)	270 cd/m²	270 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²
Contrast Ratio (typical)	600:1	600:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle (typical)	170° Vert., 170° Hor. (85U/85D/85L/85R) (CR > 5)	170° Vert., 170° Hor. (85U/85D/88L/88R) (CR > 5)	176° Vert., 176° Hor. (88U/88D/88L/88R)	178° Vert., 178° Hor. (89U/89D/89L/89R) (CR > 5)	170° Vert., 170° Hor. (85U/85D/85L/85R) (CR > 5)	170° Vert., 170° Hor. (85U/85D/85L/85R) (CR > 5)	176° Vert., 176° Hor. (88U/88D/88L/88R)	176° Vert., 176° Hor. (88U/88D/88L/88R)
Response Time (typical)	Rapid Response (5ms)	Rapid Response (5ms)	Rapid Response (5ms)	Rapid Response (5ms)	Rapid Response (5ms)	Rapid Response (5ms)	Rapid Response (5ms)	Rapid Response (5ms)
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	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)	31.5-81.1 kHz (Analog/Digital)	31.5-81.1 kHz (Analog/Digital)	31.5-81.1 kHz (Analog/Digital)	31.5-81.1 kHz (Analog/Digital)	31.5-81.1 kHz (Analog/Digital)
Vertical	56-76 Hz	56-76 Hz	56-76 Hz	56-76 Hz	56-75 Hz	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	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)	Separate Sync: TTL Level (positive/negative)	Separate Sync: TTL Level (positive/negative)
Inputs	DVI-D and VGA 15-pin D-sub	DVI-D and VGA 15-pin D-sub	DVI-D and VGA 15-pin D-sub	DVI-D and VGA 15-pin D-sub	DVI-D and VGA 15-pin D-sub	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 @ 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	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 @ 60-76 Hz 1152 x 864 @ 60-75 Hz 1152 x 870 @ 75 Hz 1280 x 768 @ 60-75 Hz 1280 x 960 @ 60 Hz 1280 x 1024 @ 60-76 Hz 1360 x 768 @ 60 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 @ 75 Hz 1152 x 870 @ 75 Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz 1360 x 768 @ 60 Hz 1440 x 900 @ 60-75 Hz 1400 x 1050 @ 60-75 Hz 1680 x 1050 @ 60 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 @ 75 Hz 1152 x 870 @ 75 Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz 1360 x 768 @ 60 Hz 1440 x 900 @ 60-75 Hz 1400 x 1050 @ 60-75 Hz 1680 x 1050 @ 60 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 @ 75 Hz 1152 x 870 @ 75 Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz 1360 x 768 @ 60 Hz 1440 x 900 @ 60-75 Hz 1400 x 1050 @ 60-75 Hz 1680 x 1050 @ 60 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 @ 75 Hz 1152 x 870 @ 75 Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz 1360 x 768 @ 60 Hz 1440 x 900 @ 60-75 Hz 1400 x 1050 @ 60-75 Hz 1680 x 1050 @ 60 Hz
Native Resolution	1280 x 1024 @ 60 Hz	1280 x 1024 @ 60 Hz	1280 x 1024 @ 60 Hz	1440 x 900 @ 60 Hz	1680 x 1050 @ 60 Hz	1680 x 1050 @ 60 Hz	1680 x 1050 @ 60 Hz	1680 x 1050 @ 60 Hz
Additional Features	Thin-frame (bezel), height-adjustable stand (50mm), tilt, No Touch Auto Adjust, cable management, touchscreen-integratable, AccuColor color control, digital smoothing, digital controls, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSD user controls, ISO 13406-2 Class II, Windows Vista-certified	Thin-frame (bezel), height-adjustable stand (50mm), tilt, No Touch Auto Adjust, cable management, touchscreen-integratable, AccuColor color control, digital smoothing, digital controls, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSD user controls, ISO 13406-2 Class II, Windows Vista-certified	Thin-frame (bezel), integrated speakers, USB 2.0 hub, height-adjustable stand (110mm), tilt, swivel, No Touch Auto Adjust, cable management, touchscreen-integratable, AccuColor color control, digital smoothing, digital controls, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSD user controls, ISO 13406-2 Class II, Windows Vista-certified	Thin-frame (bezel), widescreen format, integrated speakers, height-adjustable stand (50mm), tilt, swivel, No Touch Auto Adjust, cable management, touchscreen-integratable, AccuColor color control, digital smoothing, digital controls, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSD user controls, ISO 13406-2 Class II, Windows Vista-certified	Thin-frame (bezel), widescreen format, integrated speakers, height-adjustable stand (50mm), tilt, swivel, No Touch Auto Adjust, cable management, touchscreen-integratable, AccuColor color control, digital smoothing, digital controls, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSM user controls, ISO 13406-2 Class II, Windows Vista-certified	Thin-frame (bezel), widescreen format, integrated speakers, USB 2.0 hub, height-adjustable stand (110mm), pivot, tilt, swivel, No Touch Auto Adjust, cable management, touchscreen-integratable, AccuColor color control, digital smoothing, digital controls, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSM user controls, ISO 13406-2 Class II, Windows Vista-certified	Thin-frame (bezel), widescreen format, integrated speakers, height-adjustable stand (50mm), tilt, swivel, No Touch Auto Adjust, cable management, touchscreen-integratable, AccuColor color control, digital smoothing, digital controls, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSM user controls, ISO 13406-2 Class II, Windows Vista-certified	Thin-frame (bezel), widescreen format, integrated speakers, USB 2.0 hub, height-adjustable stand (110mm), pivot, tilt, swivel, No Touch Auto Adjust, cable management, touchscreen-integratable, AccuColor color control, digital smoothing, digital controls, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSM user controls, ISO 13406-2 Class II, Windows Vista-certified
Touch-Capable	Designed for integration	Designed for integration	Designed for integration	Designed for integration	Designed for integration	Designed for integration	Designed for integration	Designed for integration
Voltage Rating	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V
Power Consumption (typical)								
On	30W	37W	40W	42W	45W	57W	48W	60W
Power Savings Mode	2W	2W	2W	2W	2W	2W	2W	2W
Dimensions (W x H x D)								
Net (with stand)	14.5 x 14.1-16.1 x 7.8 in. / 368 x 358.5-408.5 x 230mm	16 x 15.2-17.2 x 9.4 in. / 405.5 x 385.8-435.8 x 240mm	16 x 15.2-19.5 x 8.3 in. / 405.5 x 385.8-495.5 x 210mm	17.3 x 13.4-15.4 x 9.4 in. / 440 x 340-390 x 240mm	18.6 x 14.2-16.2 x 10.2 in. / 471.4 x 360.9-410.9 x 260mm	18.6 x 14.9-19.3 x 9.7 in. / 471.4 x 379.4-489.4 x 245mm	19.9 x 15.1-17.1 x 10.2 in. / 505.7 x 384.6-434.6 x 260mm	19.9 x 15.4-19.7 x 9.6 in./ 505.7 x 391.3-501.3 x 245mm
Net (without stand)	14.5 x 12.6 x 2.4 in. / 368 x 320.5 x 61mm	16 x 13.6 x 2.6 in. / 405.5 x 345.5 x 66.5mm	16 x 13.6 x 2.6 in. / 405.5 x 345.5 x 66.5mm	17.3 x 11.9 x 2.6 in. / 440 x 302 x 65.5mm	18.6 x 12.6 x 3.1 in. / 471.4 x 320.4 x 80mm	18.6 x 12.6 x 3.1 in. / 471.4 x 320.4 x 80mm	19.9 x 13.5 x 3 in. / 505.7 x 344.1 x 76.7mm	19.9 x 13.5 x 3 in. / 505.7 x 344.1 x 76.7mm
Weight								
Net (with stand)	10.6 lbs. / 4.8 kg	13.2 lbs. / 6 kg	16.3 lbs. / 7.4 kg	12.8 lbs. / 5.8 kg	16.5 lbs. / 7.5 kg	19 lbs. / 8.6 kg	17.2 lbs. / 7.8 kg	20.5 lbs. / 9.3 kg
Net (without stand)	8.4 lbs. / 3.8 kg	11 lbs. / 5 kg	11 lbs. / 5 kg	10.1 lbs. / 4.6 kg	13.2 lbs. / 6 kg	12.3 lbs. / 5.6 kg	13.9 lbs. / 6.3 kg	13.9 lbs. / 6.3 kg
VESA Hole Configuration Specifications	100 x 100mm	100 x 100mm	100 x 100mm	100 x 100mm	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	5-35°C / 41-95°F	5-35°C / 41-95°F
Operating Humidity	30-80%	30-80%	30-80%	30-80%	10-80%	10-80%	10-80%	10-80%
Operating Altitude	3048m / 10,000 ft.	3048m / 10,000 ft.	3048m / 10,000 ft.	3048m / 10,000 ft.	3048m / 10,000 ft.	3048m / 10,000 ft.	3048m / 10,000 ft.	3048m / 10,000 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	-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%	10-85%	10-85%
Storage Altitude	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.	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	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)	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)

* Aside from integrated speakers, LCD175VXM+ specs are identical to those of the LCD175VX+.

RoHS compliant

ENERGY STAR

CERTIFIED FOR Windows Vista®

NEC