

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 LCD225WNXM 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/m², 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, LCD225WNXM; 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+, LCD195WXM, LCD195NXM, LCD205WXM, LCD205WNXM, 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 24/7 customer service and technical support

Model	MultiSync LCD175VX+/M+*	MultiSync LCD195VX+	MultiSync LCD195NXM	MultiSync LCD195WXM	MultiSync LCD205WXM	MultiSync LCD205WNXM	MultiSync LCD225WXM	MultiSync LCD225WNXM	
Display	Viewable Image Size Pixel Pitch Pixels Per Inch Brightness (typical) Contrast Ratio (typical) Viewing Angle (typical)	17" 0.264mm 96 @ native resolution 270 cd/m ² 600:1 170° Vert., 170° Hor. (85U/85D/85L/85R) (CR > 5) Rapid Response (5ms) More than 16 million	19" 0.294mm 86 @ native resolution 270 cd/m ² 600:1 170° Vert., 176° Hor. (85U/85D/88L/88R) (CR > 5) Rapid Response (5ms) More than 16 million	19" 0.294mm 98 @ native resolution 300 cd/m ² 1000:1 176° Vert., 176° Hor. (88U/88D/88L/88R) (CR > 5) Rapid Response (5ms) More than 16 million	19" 0.284mm 89 @ native resolution 300 cd/m ² 1000:1 178° Vert., 178° Hor. (89U/89D/89L/89R) (CR > 5) Rapid Response (5ms) More than 16 million	20.1" 0.258mm 98 @ native resolution 300 cd/m ² 1000:1 170° Vert., 170° Hor. (85U/85D/85L/85R) (CR > 5) Rapid Response (5ms) More than 16 million	20.1" 0.258mm 98 @ native resolution 300 cd/m ² 1000:1 170° Vert., 170° Hor. (85U/85D/85L/85R) (CR > 5) Rapid Response (5ms) More than 16 million	22" 0.282mm 90 @ native resolution 300 cd/m ² 1000:1 176° Vert., 176° Hor. (88U/88D/88L/88R) (CR > 5) Rapid Response (5ms) More than 16 million	22" 0.282mm 90 @ native resolution 300 cd/m ² 1000:1 176° Vert., 176° Hor. (88U/88D/88L/88R) (CR > 5) Rapid Response (5ms) More than 16 million
Synchronization Range	Horizontal Vertical	31.5-81.1 kHz (Analog/Digital) 56-76 Hz	31.5-81.1 kHz (Analog/Digital) 56-76 Hz	31.5-81.1 kHz (Analog/Digital) 56-76 Hz	31.5-81.1 kHz (Analog/Digital) 56-76 Hz	31.5-81.1 kHz (Analog/Digital) 56-75 Hz	31.5-81.1 kHz (Analog/Digital) 56-76 Hz	31.5-81.1 kHz (Analog/Digital) 56-76 Hz	
Input Signal	Video Sync	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	Analog 0.7 Vp-p / 75 Ohms 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	
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 @ 60-75 Hz 1152 x 870 @ 75 Hz 1280 x 768 @ 60-75 Hz 1280 x 960 @ 60 Hz 1360 x 768 @ 60 Hz 1440 x 900 @ 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 @ 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 1440 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 1440 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 1440 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 1440 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 1440 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	
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), 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, 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	
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	
Power Consumption (typical)	On Power Savings Mode	30W 2W	37W 2W	40W 2W	42W 2W	45W 2W	57W 2W	60W 2W	
Dimensions (W x H x D)	Net (with stand) Net (without stand)	14.5 x 14.1-16.1 x 7.8 in. / 368 x 358.5-408.5 x 230mm 14.5 x 12.6 x 2.4 in. / 368 x 320.5 x 61mm	16 x 15.2-17.2 x 9.4 in. / 405.5 x 385.8-435.8 x 240mm 16 x 13.6 x 2.6 in. / 405.5 x 345.5 x 66.5mm	16 x 15.2-19.5 x 8.3 in. / 405.5 x 385.8-495.5 x 210mm 16 x 13.6 x 2.6 in. / 405.5 x 345.5 x 66.5mm	17.3 x 13.4-15.4 x 9.4 in. / 440 x 340-390 x 240mm 17.3 x 11.9 x 2.6 in. / 440 x 302 x 65.5mm	18.6 x 14.2-16.2 x 10.2 in. / 471.4 x 360.9-410.9 x 260mm 18.6 x 12.6 x 3.1 in. / 471.4 x 320.4 x 80mm	18.6 x 14.9-19.3 x 9.7 in. / 471.4 x 379.4-489.4 x 245mm 18.6 x 12.6 x 3.1 in. / 471.4 x 320.4 x 80mm	19.9 x 15.1-17.1 x 10.2 in. / 505.7 x 384.6-434.6 x 260mm 19.9 x 13.5 x 3 in. / 505.7 x 344.1 x 76.7mm	19.9 x 15.4-19.7 x 9.6 in. / 505.7 x 391.3-501.3 x 245mm 19.9 x 13.5 x 3 in. / 505.7 x 344.1 x 76.7mm
Weight	Net (with stand) Net (without stand)	10.6 lbs. / 4.8 kg 8.4 lbs. / 3.8 kg	13.2 lbs. / 6 kg 11 lbs. / 5 kg	16.3 lbs. / 7.4 kg 11 lbs. / 5 kg	12.8 lbs. / 5.8 kg 10.1 lbs. / 4.6 kg	16.5 lbs. / 7.5 kg 13.2 lbs. / 6 kg	19 lbs. / 8.6 kg 12.3 lbs. / 5.6 kg	17.2 lbs. / 7.8 kg 13.9 lbs. / 6.3 kg	20.5 lbs. / 9.3 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	
Environmental Conditions	Operating Temperature Operating Humidity Operating Altitude Storage Temperature Storage Humidity Storage Altitude	5-35°C / 41-95°F 30-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.	5-35°C / 41-95°F 30-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.	5-35°C / 41-95°F 30-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.	5-35°C / 41-95°F 30-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.	5-35°C / 41-95°F 10-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.	5-35°C / 41-95°F 30-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.	5-35°C / 41-95°F 10-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.	5-35°C / 41-95°F 30-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 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	
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	24 hours / 7 days	

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



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