

NEC MultiSync® LCD3090WQXi

30" widescreen, high-resolution (2560 x 1600) desktop LCD display
ideal for high-end graphics applications

Watch productivity soar when you go wide with NEC.

The 30" LCD3090WQXi delivers an entirely new perspective to your desktop. With its wide-format design (16:10 aspect ratio), which provides roughly the same work area as two smaller-sized displays, you can simultaneously view/work in multiple application windows. With its multitude of leading-edge capabilities, combined with groundbreaking design, this display could easily be considered the most intelligent visual display solution to date.



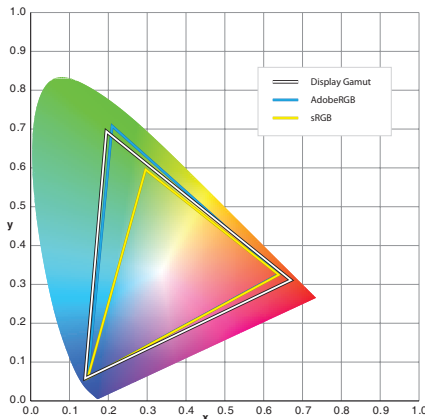
- Wide color gamut (97.5% coverage of AdobeRGB*)
- Auto Luminance control with X-Light™ Pro backlight/sensor design for consistent brightness and color
- ColorComp™ technology compensates for slight variations in luminance and color uniformity, providing even color across the screen
- IPS active matrix LCD provides superior screen performance, including wide viewing angles, lifelike flesh tones and dark black levels
- Supports internal programmable 12-bit lookup tables (LUTs) for calibration
- High resolution (up to 2560 x 1600) allows for more content to be displayed on a single monitor
- Standalone color calibration and matching function without the need of a PC using an optional sensor** connected directly to the display
- Designed for landscape or portrait usage without degradation of performance or the display's lifecycle
- Ambient light sensor and automatic backlight adjustment allows for use in any lighting conditions
- Digital and analog inputs with true MultiSync support for non-native resolutions

* 102% color gamut size vs. NTSC (1953)

** X-Rite iOne Display V2 color sensor

NEC LCD3090WQXi Color Gamut

ColorSpace	Coverage	Size
Adobe RGB	97.5%	108.0%
sRGB	100.0%	145.7%



The LCD3090WQXi's design allows you to adjust the display to your exact ergonomic preferences. In addition to tilt and swivel functionality, the height adjusts up to 190mm, and the display pivots between landscape to portrait orientations.

Model	MultiSync LCD3090WQXi	
Display	Viewable Size Image	29.8"
	Pixel Pitch	0.251mm
Brightness (typical)	Pixels Per Inch	101
	Brightness (typical)	350 cd/m ²
Contrast Ratio (typical)	Response Time (typical)	1000:1
	Viewing Angle (typical)	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR > 10
Panel Bit Depth	Rapid Response™ (6ms Gray-to-Gray; 12ms Black-to-Black)	
	12-bit internal LUTs, displays 16.7 million colors out of 68.5 billion color palette	
Color Gamut*	AdobeRGB** - 97.5% / sRGB - 100%	
	AdobeRGB - 108% / sRGB - 145.7%	
Synchronization Range	Horizontal	24 - 93.8 KHz (Analog/Digital)
	Vertical	24 - 85 Hz
Input Signal	Video	25.2 - 268.5 MHz (DualLink)
	Sync	
Inputs	Analog RGB 0.7 Vp-p/75 Ohms	
	Separate sync: TTL Level (Positive/Negative)	
Resolutions Supported (Analog/Digital)	Composite sync: TTL Level (Positive/Negative)	
	Composite sync on green: (0.3Vp-p negative 0.7Vp-p positive)	
Native Resolution	DVI-D (HDCP), DVI-I	
Additional Features	640 x 400 @ 70-85 Hz***	1400 x 1050 @ 60-75 Hz
	720 x 400 @ 70-85 Hz	1440 x 900 @ 60-85 Hz
Touch-Capable	640 x 480 @ 60-85 Hz	1600 x 1200 @ 60-75 Hz****
	800 x 600 @ 56-85 Hz	1680 x 1050 @ 60-75 Hz****
Voltage Rating	832 x 624 @ 75 Hz	1920 x 1200 @ 60 Hz
	1024 x 768 @ 60-85 Hz	1920 x 1440 @ 30-60 Hz****
Power Consumption (typical)	1152 x 864 @ 70-85 Hz	2560 x 1600 @ 30-60 Hz****
	1152 x 870 @ 75 Hz	720 x 480p @ 60 Hz
Dimensions (WxHxD)	1280 x 960 @ 60 Hz	720 x 576p @ 50 Hz
	1280 x 1024 @ 60-85 Hz	1280 x 720p @ 50-60 Hz
Net Weight		1920 x 1080p @ 50-60 Hz
	(with stand)	59.8 lbs. / 27.2 kg
VESA Hole Configuration	(without stand)	42 lbs. / 19.1 kg
Environmental Conditions	Operating Temperature	5-35° C / 41-95° F
	Operating Humidity	30-80%
Safety Standards	Operating Altitude	3048m / 10,000 ft.
	Storage Temperature	-10-60° C / 14-140° F
Limited Warranty	Storage Humidity	10-85%
	Storage Altitude	12,192m / 40,000 ft.
Technical Support		

* Color gamut size and coverage calculated as 2-D gamut area in CIE 1931 xy colorspace. Size is the total relative display gamut area and includes any colors outside the reference gamut. Coverage is the relative display gamut area contained inside the reference gamut. NTSC values provided for comparison purposes - modern broadcast video uses SMPTE-C, ITU-R BT, 709-5/sRGB or EBU primaries.

** AdobeRGB is a standard defined by Adobe Systems Incorporated.

*** 640 x 400 available with DIGITAL input only only

**** 30 Hz refresh rate available with ANALOG input only



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