

NEC MultiSync® LCD2690WUXi²

26" widescreen, wide color gamut, professional LCD display
ideal for high-end graphics applications

**NEW, WIDER COLOR
GAMUT PANEL**

Achieve the ultimate in color performance. The 26" NEC MultiSync LCD2690WUXi² delivers an entirely new perspective to your desktop. Color and brightness uniformity were paramount in the design of this high-performance display, making it ideal for graphic arts, desktop publishing, photography and other color-critical environments. In addition, 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, the LCD-2690WUXi² could easily be considered the most intelligent visual display solution to date.

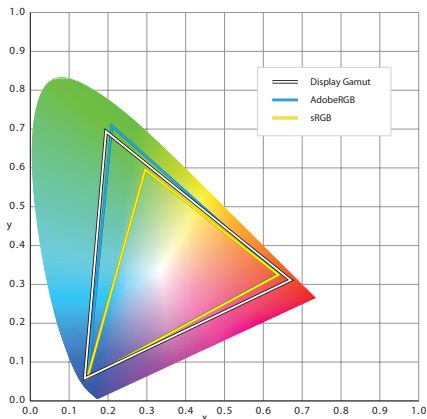
- Wide color gamut (97.8% coverage of AdobeRGB*)
- Auto Luminance control with X-Light™ Pro backlight/sensor design for consistent brightness and color
- ColorComp™ technology compensates for slight variations in luminance and color uniformity, providing even color across the screen
- IPS active matrix 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
- 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)



LCD2690WUXi² Color Gamut

ColorSpace	Coverage	Size
Adobe RGB	97.8%	108.0%
sRGB	100.0%	145.7%



The LCD2690WUXi²'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 150mm, and the display pivots between landscape to portrait orientations.

Model	MultiSync LCD2690WUXi²
Display	Viewable Size Image 25.5" Pixel Pitch 0.287mm Pixels Per Inch 89 @ native resolution Brightness (typical) 320 cd/m ² Contrast Ratio (typical) 1000:1 Viewing Angle (typical) 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR > 10 Response Time (typical) Rapid Response™ (8ms Gray-to-Gray; 16ms Black-to-Black) Panel Bit Depth 12-bit internal LUTs, displays 16.7 million colors out of 68.5 billion color palette Color Gamut* Coverage AdobeRGB** - 97.8% / sRGB - 100% Size AdobeRGB - 108% / sRGB - 145.7%
Synchronization Range	Horizontal 31.5 - 93.8/119.2 KHz (Analog/Digital) Vertical 51 - 85 Hz
Input Signal	Video Analog RGB 0.7 Vp-p/75 Ohms Sync Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3Vp-p negative 0.7Vp-p positive)
Inputs	DVI-D, DVI-I & VGA 15-pin D-sub
Resolutions Supported (Analog/Digital)	720 x 400 @ 70-85 Hz 640 x 480 @ 60-85 Hz 800 x 600 @ 56-85 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-85 Hz 1152 x 864 @ 70-85 Hz 1152 x 870 @ 75 Hz 1280 x 960 @ 60 Hz 1280 x 1024 @ 60-75 Hz 1600 x 1200 @ 60 Hz 1920 x 1200 @ 60Hz
Native Resolution	1920 x 1200 @ 60Hz
Additional Features	ColorComp - uniformity correction, X-Light Pro - backlight stabilization, AmbiBright - ambient light sensor, ultra-thin frame (bezel), No Touch Auto Adjust™, VESA Mount, sRGB, tilt, swivel, height-adjustable stand (150mm), pivot, quick-release stand, vacation switch (zero-watt mode), 12-bit LUTs, black level adjustment, overdrive, ECO Mode™, real-time clock, Analog/Digital CableComp™, TileMatrix™, TileComp™, SpectraView™ software-enabled
Touch-Capable	Designed for integration
Voltage Rating	AC 100-120V / AC 220-240V
Power Consumption (typical)	On 111W Power Savings Mode 1W
Dimensions (WxHxD)	Net (with stand) 23.2 x 17.5 x 12 in. / 589.8 x 444.2 x 306mm Net (without stand) 23.2 x 15.1 x 4.1 in. / 589.8 x 383.4 x 104mm
Net Weight	(with stand) 27.7 lbs./12.6 kg (without stand) 20.2 lbs./9.2 kg
VESA Hole Configuration Specifications	100 x 100mm
Environmental Conditions	Operating Temperature 5-35° C / 41-95° F Operating Humidity 30-80% Operating Altitude 3048m / 10,000 ft. Storage Temperature -10-60° C / 14-140° F Storage Humidity 10-85% Storage Altitude 12,192m / 40,000 ft.
Safety Standards	UL/C-UL, UL60601, CE, Gost/PCT, PSB, CCC, TUV GS, FCC Class B/ Canadian DOC, C-tick, MPR II / MPR III, VCCI (class 2), JIS C 61000-3-2, static electricity guideline, low emission guideline, TUV-Ergonomie, ISO9241-307, TCO '03, TCO '06, US Mercury regulations, WEEE, RoHS, SASO, Energy Star 4.0 Tier 2, GEEA, JEITA VOC Guideline. J-Moss, Windows XP, DEN-TORI
Limited Warranty	4 years parts and labor, including backlight
Technical Support	M - F (7am - 7pm CST)

* 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.



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