NEC

LCD SERIES

MULTISYNC® LCD1830™

with XtraView®

Quick Specs

MultiSync LCD1830

Screen/Viewable Size	18.1"/18.1"
Native Resolution	1280 x 1024
Brightness	200 cd/m²

Superior image quality and loads of high-end features. The value-driven NEC MultiSync LCD1830, NEC-Mitsubishi Electronics Display's newest addition to the popular 18" LCD monitor category, builds on the success of its predecessors with awe-inspiring screen performance and a host of rich features that make it an ideal choice for users seeking an enhanced visual experience.

Screen-enhancing features. The MultiSync LCD1830 incorporates many components aimed at making the user's time in front of the monitor more productive and comfortable. When plugged in and powered on for the first time, the monitor and video card automatically communicate to adjust screen settings for optimal viewing. XtraView technology allows flexible viewing angles of 160° horizontally and vertically (80° up, down, left and right) without distortion. This technology, along with flicker-free images and the elimination of glare and reflection, significantly reduces user eyestrain when compared to traditional CRT monitors. Utilizing OmniColor™ color algorithm, the MultiSync LCD1830 achieves standard sRGB color to create precise color images for still images, moving pictures and real-time videos as well as provides for 6-axis color control. Improved full-screen scaling at alternate resolutions allows users to enjoy optimal screen performance regardless of the resolution requirements of various software packages.

Space-saving design. Environments such as medical, financial, manufacturing, transportation and corporate that suffer from space or weight constraints but require a durable monitor with quality images can benefit from the MultiSync LCD1830. The MultiSync LCD1830 is designed with the user's work environment in mind. From its slim footprint, which frees up valuable desktop space and allows for placement in tight places, to wall/arm mounting capabilities to a cable management system that eliminates the usual clutter of cables surrounding a system, this monitor provides users with the freedom to spread out, increase productivity and maximize their comfort.

Low energy consumption and emissions. Using approximately 50% less power and emitting less heat than comparable CRT monitors, the MultiSync LCD1830 allows users to conserve energy and lower their total cost of ownership.

Features and Benefits

Low power consumption and reduced emissions conserve energy and lower total cost of ownership

No Touch Auto Adjust provides optimal display settings upon initial setup

Cabinet color options of white or black allow users to match their systems or laptops

OmniColor™ color algorithm achieves standard sRGB color to create a consistent color environment as well as provide 6-axis color control

XtraView™ technology allows for wide viewing angles

Cable management system located throughout the base eliminates desktop clutter

On Screen Manager puts the user in complete control of display setting adjustments

Slim footprint frees up valuable desktop space and allows placement in tight spaces

NEC-Mitsubishi's quality and reliability provide peace of mind with a 3-year parts and labor warranty (including backlight) and 24/7 customer service and technical support

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NEC MultiSync LCD1830 Specifications

Display	
Viewable Image Size Diagonal	18.1"
Pixel Pitch	0.28mm
Pixels Per Inch	90.7 @ native resolution
Brightness	200 cd/m^2
Contrast Ratio	300:1
Viewing Angle	160° (80 U/80 D/80 L/80 R),
Response Time	30 ms white to black (typical), 20 ms black to white (typical)
Display Colors	More than 16 million
Synchronization Range	
Horizontal	24.0 KHz - 82.0 KHz
Vertical	55.0 Hz - 85.0 Hz
Input signal	
Video	Analog 0.7 Vp-p/75 Ohms
Sync	TTL Level (positive/negative)
	Composite Sync: TTL Level (positive/negative)
	Composite Sync on green: (0.3 Vp-p negative 0.7 Vp-p positive)
Input	VGA 15 pin Mini D-Sub X 2
Resolutions Supported	720 x 400 @ 70 Hz
	640 x 480 @ 60 Hz - 85 Hz
	800 x 600 @ 56 Hz - 85 Hz
	832 x 624 @ 75 Hz
	1024 x 768 @ 60 Hz - 85 Hz
	1152 x 870 @ 68.7 Hz
	1280 x 1024 @ 60 Hz - 76 Hz
Native Resolution (recommended)	1280 x 1024 @ 60 Hz
Additional Features	XtraView technology wide-angle viewing, No Touch Auto Adjust, OmniColor, sRGB color setting, Dual VGA Input, cable management base design, internal power supply, Digital Smoothing, Digital Control, Color Control (4 mode memory + sRGB), OSM, Plug and Play (VESA DDC 1/2B), VESA DPMS Power Management, User (OSM) Controls, Kensington Lock Attachment
Voltage Rating	Universal 100 (110-240V) 50-60Hz internal
Power Consumption	
On	49W
Power Savings Mode	3W
Dimensions (W x H x D)	
Net (with stand)	435.0mm x 452.0mm x 215.0mm
	17.1 x 17.8 x 8.5 in.
Net (without stand)	435.0mm x 389.0mm x 78.0mm
	17.1 x 15.3 x 3.1 in.
Net Weight (with stand)	14.3 lbs 6.5 kg
VESA Hole Configuration Specification	100mm x 100mm
Accessories	User's Manual, (1) VGA 15-pin D-Sub cable, power cord, CD-ROM, Liquid View Software
Regulatory Approvals	UL/C-UL or CSA; FCC CLASS B/CANADIAN DOC; TUV/GS, TUV/ERGONOMIE, ENERGY STAR, MPRII, TCO '95, CE, Ctick
Environmental Considerations	
Operating Temperature:	5C - 35C/41F - 95F
Operating Humidity:	30% - 80%
Operating Altitude:	3,658m/12,001 ft.
Storage Temperature:	-10C - 60C/14F - 140F
Storage Humidity:	10% - 85%
Operating Altitude:	16,255m/53,330 ft
Limited Warranty	3 years parts and labor, 3 years backlight

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