



EIZO Releases 3 Megapixel Color Flat Panel Display System *High resolution LCD monitor, graphics board, and protection panel offer advanced imaging capabilities for medical and graphics applications*



Matto, Japan, August 9, 2002 – Eizo Nanao Corporation today introduced a 3 megapixel color LCD system¹ for graphics-based applications such as CAD/CAM as well as medical imaging modalities including DSA (Digital Subtraction Angiography), PET (Positron Emission Tomography), and MRI (Magnetic Resonance Imaging). This system combines the FA-2090 3 megapixel (2048 × 1536) LCD monitor with a digital graphics board and protection panel. The FA-2090 features EIZO's SlimEdge thin bezel design which requires considerably less space than not only CRT monitors, but also other flat panel displays currently on the market with an equivalent viewable image size.

3 Megapixel LCD Monitor

The FA-2090, a 20.8" LCD monitor, incorporates a dual domain IPS (in-plane switching) panel with a 0.207 mm pixel pitch, 200 cd/m² brightness, 300:1 contrast ratio, and 170° horizontal and vertical viewing angles. This leading-edge panel minimizes changes in color shift and contrast, even if the screen is viewed obliquely.

A drift correction circuit stabilizes the brightness level to quickly produce accurate images within 30 seconds of startup or when coming out of power save mode. The monitor also comes with an EIZO patented circuit that eliminates brightness fluctuation by detecting changes in the backlight temperature and automatically adjusting the divergence to the default setting or user-defined level.

The SlimEdge thin bezel design reduces the panel width to just 24 mm on all four sides for comfortable viewing across screens when two or more units are placed side-by-side. Attaining the most comfortable viewing position is simple with a 72 mm height adjustable stand and tilt/swivel capabilities of 40°/70° respectively. Internal power supply and compliance with VESA mounting standards make the panel ideal for placement on an adjustable arm or wall.

High Performance Graphics Board

Designed specifically for use with the FA-2090, the VREngine/CD3W (for Windows), VREngine/CD3S (for Solaris) graphics board comes with dual DVI-D outputs² for an all-digital interface. The board's newly developed display controller has increased drawing speeds to eliminate ghosting and image trailing. It also supports both portrait (1536 × 2048) and landscape (2048 × 1536) viewing without the need for additional software installation.

Panel Protector

To guard against dust and scratches, EIZO offers the optional FW-08. This panel protector has a transparency rate of over 99% and anti-reflective coating on both sides.

Availability

This system is now on sale worldwide. Please contact the authorized EIZO distributor in your country for details.



About EIZO

Eizo Nanao Corporation, the specialist in the development and production of state-of-the-art display systems, is based in Japan and represented in over thirty countries by a network of exclusive distributors.

For more information, please contact:

Eizo Nanao Corporation
153 Shimokashiwano
Matto, Ishikawa 924-8566
Japan
Phone: +81 76 277-6792
Fax: +81 76 277-6793
<http://www.eizo.com/>

¹Although sold separately, the VREngine/CD3W (CD3S) graphics board was designed specifically for the FA-2090 and is necessary to ensure images are displayed properly. The FW-08 protection panel is also sold separately.

²Operation of the FA-2090 requires that two bundled DVI-D cables be connected to both DVI ports of the VREngine/CD3W (CD3S).

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