Medical imaging solution

Nvidia launched the Quadro 2000D graphics card, designed for use in professional medical-imaging environments to help improve the accuracy and timeliness of patient diagnosis. This card is the latest addition to the company’s Quadro professional graphics line, built on the NVIDIA Fermi architecture. The Quadro 2000D provides diagnostic display capabilities and application performance that hospitals, clinics, and other diagnostic-imaging environments need to interpret and manage high-resolution patient imagery.

The Quadro 2000D features two dual-link, digital-video interface (DVI) connectors and delivers gray-scale accuracy and definition of images at resolutions up to 10 megapixels. The Quadro 2000D supports 10- and 12-bit gray scale to help reveal subtle tonal abnormalities in diagnostic images, along with industry-standard Dicom monitor calibration to maintain gray-scale consistency across monitors.

An additional feature of the Quadro 2000D is Nvidia mosaic display technology, which offers users the ability to span applications across multiple, high-resolution panels or projectors. Up to eight displays can be driven from a single workstation with multiple Quadro 2000D cards installed. Nvidia SLI multi-OS technology also works in conjunction with the Quadro 2000D for driving simultaneous Windows and/or Linux environments from the same workstation.

Using Nvidia 3D Vision and 3D Vision Pro stereoscopic 3D solutions, the Quadro 2000D enables immersive 3D perspectives.

The Quadro 2000D costs $599. It is designed for HP Z800, Z600, and Z400 workstations and can connect to third-party medical displays for use in hospitals, radiology rooms, and clinics. It’s also available for the Dell Precision T7500, T5500, T3500, and R5400 workstations in the US through the Dell software and peripherals program.


Screen recorder update

NetPlay Software’s Instant Demo Studio 8.0 is a Windows screen recorder that creates interactive movies for presentations, demonstrations, and training. Version 8.0 introduces a new Eventline Studio Editor that is designed to help users maintain multiple presentations.

Instant Demo Studio creates interactive screencasts in Adobe Flash format and supports callout text, hotspots, voice narration, and background sound. Interactive hotspots give the viewer control over the pace of the presentation.

Instant Demo Studio 8.0 has a new feature for multiple event-line editing. Event-line editing represents each frame not as a discrete fixed unit of time, but as a unique visual event in the video. This approach is suited to editing screencasts, which typically contain periods of little or no screen activity, particularly when something is explained via narration or callout text. Hence fewer frames are required to represent the video on the event line, making it easier to navigate to the important parts of the presentation while editing.

Multiple event-line editing allows for the management of several presentations within a single workspace. This feature enables cutting, copying, and pasting between projects.