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National Instruments Reduces Cost of Test With New PXI Express Chassis and Embedded Controllers

New Five-Slot PXI Express Chassis with Integrated Remote Controller Offers Significant Cost Reduction from Previous Models

AUSTIN, Texas, Aug. 6, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- NIWeek -- National Instruments (Nasdaq: NATI) today introduced low-cost [PXI Express](#) chassis and controller options for automated test and measurement applications, including the NI [PXIe-8102/01](#) embedded controllers and the \$1,499 (USD) [NI PXIe-1073](#) chassis. The new high-value chassis and controllers directly address the cost pressures associated with today's widespread budgetary reductions while maintaining high-speed transfer rates of up to 250 MB/s across the PXI Express data bus.

"Since the initial release of the PXI Express standard in 2005, National Instruments has delivered a wide range of PXI Express solutions to test engineers seeking increased performance and a lower cost for test systems," said Eric Starkloff, vice president of test marketing at NI. "We are committed to the PXI Express standard and to growing our selection of products. Our latest PXI Express chassis and embedded controllers offer the added performance of PXI Express data transfer rates to a variety of cost-sensitive application areas such as multi-channel data acquisition systems, high-speed real-time control systems and high-resolution mixed-signal test and measurement systems."

The NI PXIe-1073 chassis, which features an integrated remote controller, lowers the system entry point to PXI Express by 42 percent compared to previous PXI Express systems with similar capabilities. The chassis features five PXI Express hybrid slots that accept both [PXI](#) and PXI Express modules, such as the new National Instruments [X Series](#) PXI Express data acquisition modules, to maximize system flexibility. The chassis provides 250 MB/s of total system bandwidth and an integrated [MXI Express](#) controller with [PCI Express](#) host controller card and cable. It also features built-in timing and synchronization connections integrated into its backplane. Adding to its flexibility, the chassis is compatible with [NI LabVIEW](#) graphical system design software, [NI TestStand](#) test management software and other software systems that optimize automated test, measurement and control applications.

The NI PXIe-8102/01 embedded controllers can address the needs of test engineers who require a high-value PXI Express solution that couples the PC and chassis in a self-contained system. The NI PXIe-8102 features a dual-core 1.9 GHz Intel(R) Celeron(R) T3100 processor, and the NI PXIe-8101 includes a single-core 2.0 GHz Intel(R) Celeron(R) 575 processor. Integrating these controllers into a PXI Express chassis, such as the [NI PXIe-1062Q](#) or [PXIe-1082](#), provides engineers with a compact, high-value platform that delivers up to 1 GB/s of total system bandwidth and up to 250 GB/s of single-slot bandwidth. The combination of high system and slot bandwidth, the latest Intel processors and a lower price point makes these controllers ideal for value-based test, measurement and control applications.

To view data sheets on the NI PXIe-1073 chassis and NI PXIe-8101/02 embedded controllers, readers can visit www.ni.com/pxi.

About National Instruments

National Instruments (www.ni.com) is transforming the way engineers and scientists design, prototype and deploy systems for measurement, automation and embedded applications. NI empowers customers with off-the-shelf software such as NI LabVIEW and modular cost-effective hardware, and sells to a broad base of more than 30,000 different companies worldwide, with no one customer representing more than 3 percent of revenue and no one industry representing more than 15 percent of revenue. Headquartered in Austin, Texas, NI has more than 5,000 employees and direct operations in more than 40 countries. For the past 10 years, FORTUNE magazine has named NI one of the 100 best companies to work for in America. Readers can obtain investment information from the company's investor relations department by calling (512) 683-5090, e-mailing nati@ni.com or visiting www.ni.com/nati. (NATI-G)

Pricing and Contact Information

NI PXIe-1073 chassis	11500 N Mopac Expwy, Austin, Texas
Priced* from \$1,499; euro 1,399;	78759-3504
197,000 yen	Tel: (800) 258-7022,
NI PXIe-8101 embedded controller	Fax: (512) 683-9300

Priced* from \$2,099; euro 1,949; E-mail: info@ni.com
276,000 yen
NI PXIe-8102 embedded controller
Priced* from \$3,099; euro 2,849;
407,000 yen
Web: www.ni.com/pxi
*All prices are subject to change without notice.

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