

CONTROLLERS

GX7936

3U QUAD-CORE INTEL CORE™ i7 CONTROLLER

- 2.1 GHz quad-core Intel Core™ i7 processor
- 4 GB RAM
- Onboard Gigabit Ethernet
- USB and COM ports

The GX7936 is a single-slot embedded cPCI 3U controller for use with the GX7300 PXI chassis and features a 2.1 GHz quad-core Intel Core™ i7 processor.



GX7937

3U INTEL CORE™ i7 CONTROLLER

- 2.3 GHz Intel Core™ i7 processor
- 4 GB RAM
- Onboard Gigabit Ethernet
- USB 2.0 ports

The GX7937 is a single-slot embedded cPCI 3U controller for use with the GX7300 PXI chassis and features a 2.3 GHz, 3rd generation quad-core Intel Core™ i7 processor.



GX7944

3U INTEL CORE™ 2 DUO EXPRESS CONTROLLER

- 2.16 GHz Intel Core™ 2 Duo processor
- 2 GB RAM
- Onboard Gigabit Ethernet & USB ports
- 4x1 PCI Express bus configuration

The GX7944 controller supports multiple peripherals and I/O interfaces through either the controller's front panel or the rear I/O panel of the GX7600/GX7200 chassis. The controller's front panel I/O supports VGA, two USB 2.0 ports, and two Gigabit Ethernet ports.



GX7945

3U INTEL CORE™ i7 QUAD CORE EXPRESS CONTROLLER

- 2.4 GHz fourth generation Intel Core™ i7 quad core processor
- 8 GB RAM, supports up to 32 GB
- Onboard Gigabit Ethernet & USB ports
- Gen 2, 4x4 lane configuration

The GX7945 is a single-slot embedded cPCI Express 3U controller for use with Marvin Test Solutions' PXI Express chassis. When combined with the embedded storage peripherals which are integrated into PXIe chassis, the controller/chassis offers a compact, high performance, and integrated test platform solution.



GX7927

6U INTEL CORE™ i7 CONTROLLER

- 2.53 GHz Intel Core™ i7 processor
- 4 Gigabit Ethernet ports (2 front, 2 rear I/O)
- 5 USB ports (1 front, 4 rear)
- 4 GB RAM

When installed in a GX7000 or GX7100 chassis, the GX7927 supports all integrated chassis peripherals (hard drive, DVD, etc.) and provides a variety of I/O interfaces including USB, Gigabit Ethernet, RS-232, and VGA.



CONTROLLERS/PERIPHERALS

MXI-4E & MXI-Express PXI & PXI EXPRESS BUS EXPANDERS

- PCI or PCIe to PXI or PXIe interface
- Up to 798 MB/sec transfer rates
- Supports 32 and 64-bit configurations
- PCMCIA, ExpressCard, PCI and PCI Express configurations

The MXI-4e and MXI-Express bus expanders allow direct control of any PXI or PXI Express chassis from a desktop computer, laptop, or from another PXI chassis.



GX7909 3U CPCI CARD WITH 250 GB HARD DRIVE

- cPCI 3U carrier with PMC SATA hard drive
- Available with 250 GB, 2.5 inch hard drive
- Can be used as primary or secondary mass storage for PXI systems

The GX7909 is a 3U cPCI carrier with a PMC SATA 2.5 inch hard drive. The module can be installed in any PXI-1 or cPCI peripheral slot and can be used as a primary or secondary mass storage device, and is compatible with PXI chassis employing either an external or embedded controller.



GX3903 3 PORT RS-232/RS-422/RS-485 INTERFACE CPCI CARD

- 3 16550-based asynchronous communication ports
- Each port can be configured for RS-232, RS-422 or RS-485 operation
- 9-pin micro-D subminiature connectors for each port
- Supports data rates up to 115 K baud

The GX3903 is a 3-port, cPCI asynchronous communications interface board supporting RS-232, RS-422, and RS-485 interfaces. For RS-232 mode, each port supports RTS, CTS, TXD, RXD, DCD, DRC, DSR, and RI signaling. The RS-422 mode supports TXD, RXD, CTS, and RTS with each line operating differentially with a uni-directional drive.



GX3904 4 PORT RS-232 & 4 PORT RS-422 INTERFACE CPCI CARD

- 8 16550-based asynchronous communication ports
- 4 ports configured for RS-232
- 4 ports configured for RS-422
- All 8 ports accessible via a front panel 68-pin SCSI connector
- Supports data rates up to 115 K baud

The GX3904 is an 8-port, cPCI asynchronous communications interface board supporting 4 RS-232 and 4 RS-422 signal levels. An optional transition cable is available to convert the front panel SCSI connector to 8 DB-9, D-sub connectors.

