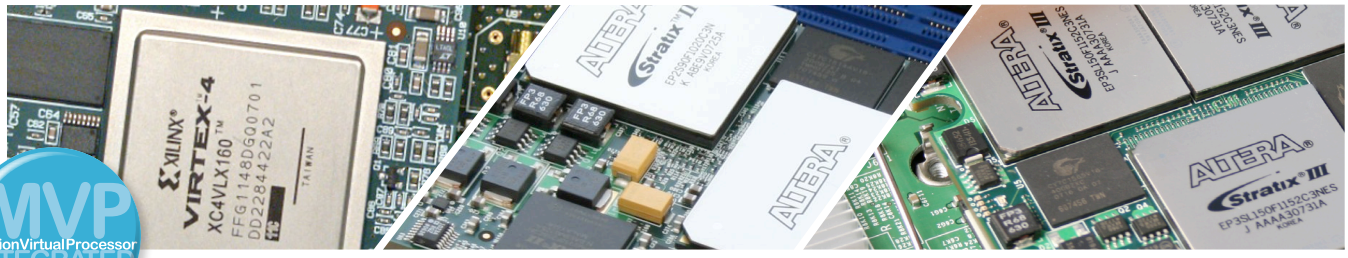
mitrionics

Mitrionics Hybrid Computing Development Systems

All Mitrionics hybrid computing development systems combine the Mitrion™ Software Acceleration Platform with FPGA acceleration coprocessor modules from leading vendors to deliver solutions for running and developing accelerated applications.



MVP
MitrionVirtualProcessor
INTEGRATED

Mitrionics MVP620/622 Hybrid Computing Server

Dual Coprocessor System

Mitrionics MVP620 and MVP622 are dual FPGA systems based on a dual socket rack mount server, and an in-socket FPGA module, providing added performance for compute and floating point intensive applications.

The system includes:

- Mitrion Virtual Processors and Mitrion Software Development Kit with one year of e-mail support
- XtremeData™ XD2000i in-socket FPGA accelerator with dual Altera® Stratix® III FPGAs and place & route software

MVP620: Intel® SR1550ALR dual socket server with single 2.5GHz quad-core Intel® Xeon® CPU

MVP622: SGI® Altix® XE320 dual socket server with single 2.5GHz quad-core Intel® Xeon® CPU

Mitrionics MVP610 Hybrid Computing Server

Single Coprocessor System

Mitrionics MVP610 is a single FPGA system based on a dual socket HP ProLiant DL165 G5 rack-mount server, and an in-socket FPGA module, ideally suited for text- and integer-based applications in genome informatics, internet data processing, and business process optimization.

The system includes:

- Mitrion Virtual Processor and Mitrion Software Development Kit with one year of e-mail support
- HP ProLiant DL165 dual socket server with single 2.1GHz quad-core AMD Opteron™ 2352 CPU
- XtremeData™ XD2000F in-socket FPGA accelerator with single Altera® Stratix® II FPGA

Mitrionics MVP210 Hybrid Computing Plug-In Processor

Single Coprocessor PCIe Module

Mitrionics MVP210 is all you need to turn your PC into a hybrid computing work horse and to get started developing and running accelerated applications on FPGAs with the Mitrion Virtual Processor.

The package includes:

- Mitrion Virtual Processor and Mitrion Software Development Kit with one year of e-mail support
- Nallatech PCIe board with Xilinx® Virtex®-4 FPGA

mitrion™
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