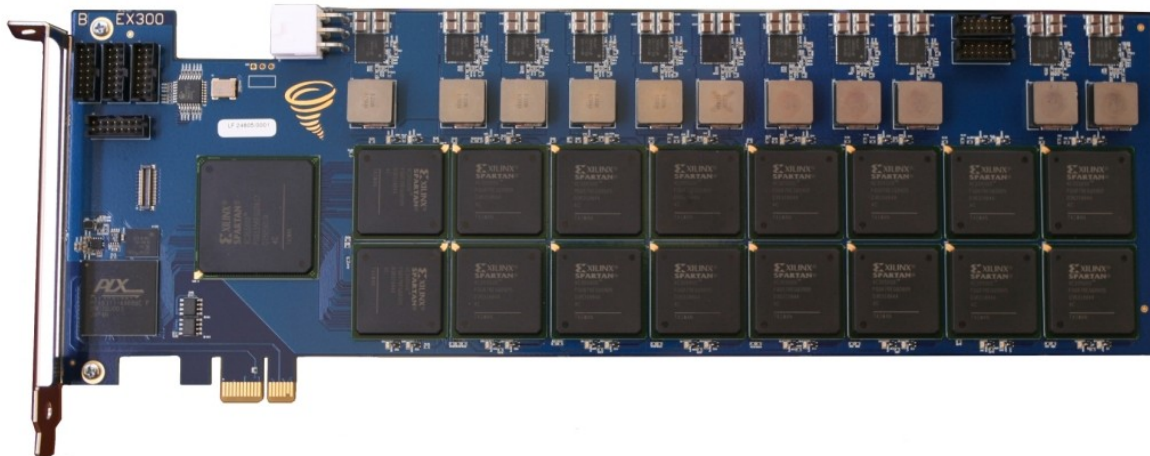


EX-300



Multi-FPGA PCIe Board

Multiple-FPGA solutions for high performance computing. Pico Computing EX-Series boards provide higher levels of FPGA computing performance for hardware accelerated applications. EX-Series boards are available in standard or custom configurations, and are based on well-proven PCI Express interface.

- 16 Xilinx Spartan XC3S5000 FPGAs
- 1.2 Million Logic Cells
- Windows & Linux compatible

Specifications

- 16 Xilinx Spartan 3 XC3S5000 FPGAs
- Approximately 1.2 Million Logic Cells
- x1 PCI Express
- Center FPGA manages communication from Host to 16 XC3S5000 FPGAs
- 32bit Bus to each XC3S5000 FPGA
- FPGAs loaded directly from Host
- External standard PCI Express power connector
- Windows XP/Vista and Linux Compatible
- Full Length (12.283”) Full Height (4.376”)
- Temperature Range: 0°C to 70°C

Applications

- Image Processing
- Algorithm Acceleration
- Encryption / Decryption
- Security algorithms and testing

