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Find the *Alpha Data ADM-XRC* at our website: ***Click HERE***

ALPHA DATA *parallel systems ltd*

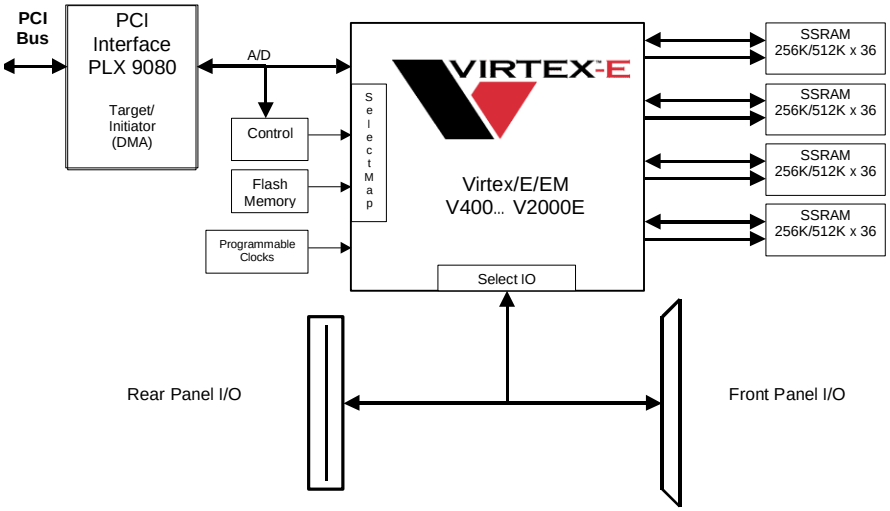
ADM-XRC

Xilinx Reconfigurable Computer



Features

- Industry standard PMC format
- Support for the largest Xilinx Virtex, VirtexE and Virtex-EM FPGA devices
- On board re-programmable flash memory for embedded configuration
- Wide range of IP cores available
- High performance bus mastering PCI interface using PLX9080
- High density I/O connector in standard SCSI-2 format or optional rear panel I/O via Pn4
- Support for Xilinx ChipScope for debugging
- 4 independent banks of 256k/512k x 36 bits of ZBT SRAM
- Programmable clock generator
- Software Development Kits for WinNT, Win2000, Linux and VxWorks



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ADM-XRC

Xilinx Reconfigurable Computer

Specification

PCI Bus	Adapters available for PCI plug-in, CompactPCI and VME formats Revision 2.1 Compliant 3.3V or 5V I/O Twin DMA channels support data rates of 116Mbytes/sec to Virtex.
Flash	2 Mbyte User programmable
FPGA	All Xilinx Virtex, Virtex-E and Virtex-EM BGA 560 devices
SRAM	Standard 100 pin TQFP ZBT SSRAM. 4 banks x 256k x 36 4 banks x 512k x 36 optional
Configuration	PCI Bus direct to SelectMAP port for fast configuration Flash boot on power up External JTAG connector
SelectMap	Configuration port supports direct access to Virtex configuration for download or readback. DMA can be used to configure at up to 30Mbytes/sec .
JTAG	A standard JTAG port is provided that can be used for programming both the Virtex FPGA and CPLD support logic for debugging or firmware upgrade
Clocks	On board clock generator provides a synchronous local bus clock for the PCI interface and the Virtex FPGA. A second clock is provided to the Virtex FPGA for user applications and can be free running or stepped under software control. Both clocks are programmable and can be used by the Virtex Clock DLL functions:- **Local Bus** 400kHz to 40 MHz **User Clock** 0Hz to 100 MHz
External I/O	Front Panel 34 I/O lines from FPGA Bank Rear Panel 53 I/O lines from FPGA Bank optional

Ordering Information

ADM-XRC/xxxx-y/z
xxxx - Virtex size
y - Virtex speed
z - Memory 4(MB) or 8(MB)

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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