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TECHNOLOGY GROUP

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Find the *Nallatech BenPRO* at our website: *Click HERE*

Virtex-II Pro and Infiniband™ Module
BenPRO™



FPGA onboard
Virtex-II Pro

Onboard FPGA options
2VP7-6, 2VP20-6

Memory Type
ZBT SRAM

Memory Onboard
16 Mbytes ZBT SRAM

Overview

The BenPRO is the ideal solution if high-speed digital I/O is required in an FPGA Computing system. Combining a Virtex-II Pro FPGA and 2 banks of random-access SRAM, along with 2 Infiniband I/O channels, the module provides processing, communication and memory expansion capability for Nallatech cPCI, VME, PCI and PC/104+ COTS FPGA computing systems. This functionality is combined in a proven COTS solution, designed for ease of use, low risk and straightforward system integration/in-field deployment.

Key Features

- Expansion module for Nallatech cPCI, VME, PCI and PC/104+ COTS FPGA computing systems
- On-board Xilinx Virtex-II Pro FPGA
- FPGA device sizes available: 2VP7 or 2VP20
- Up to 20k logic cells of programmable logic per module
- Up to 88 Block RAMs and 88 embedded multipliers per module
- 16 MBytes of ZBT SRAM in two independent banks
- ZBT SRAM interfacing IP Core
- SRAM Data Rate of 166MHz
- Maximum SRAM bandwidth of 1.4 GBytes/second
- 2x Infiniband ™ I/O links
- 2x RocketIO serial links
- Supported in Nallatech FUSE software
- Compatible with Nallatech DIMEtalk
- Multiple design-entry flows supported
- Supports industry-standard synthesis and implementation tools
- Includes open-source example designs

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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