

## Nallatech

1010 Liberty Road, Suite 103 • Eldersburg, MD 21784

Tel: 410-552-3353 • Fax: 410-552-3354

[www.nallatech.com](http://www.nallatech.com)



## BenIO-V4

### Virtex-4, SRAM and Digital IO Module

For applications requiring the capability of high bandwidth, high speed external digital I/O and SRAM memory combined with the latest FPGA technology, the BenIO-V4 is the ideal solution. Combining a Xilinx Virtex-4 SX or LX FPGA, 16 MB of DDR-II SRAM and up to 152 digital I/O lines, the module provides I/O, processing and memory expansion capability for the Nallatech CompactPCI, VME, PCI, and PCI-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.



### FEATURES:

- DIME-II expansion module
- On board Virtex-4 SX55, LX100 or LX160 user FPGA
- Up to 152 digital I/O lines – configured single-ended or differential operation
- 16 MB DDR-II SRAM – Two independent banks
- Four GBps total SRAM memory bandwidth
- Includes SRAM FPGA cores

For more information, contact: [contact@nallatech.com](mailto:contact@nallatech.com)

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