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The Wayback Machine - https://web.archive.org/web/20100315062542/http://www.nallatech.com:80/index.php/Motherboards/bennuey-pci-4e.html

BenNUEY-PCI-4E



Full length PCI motherboard

Featuring three DIME-II expansion slots, the BenNUEY-PCI-4E motherboard supports multiple analog and digital I/O interfaces, memory types, and Xilinx user FPGAs on a single full-length PCI card.

Specifications

Format	PCI
DIME-II Slots	3
FPGA support	Virtex-II Pro 50-6
PCI backplate I/O	Quad 10/100/1000-BaseT Ethernet
FPGA module support	Virtex-5, Virtex-4, Virtex-II Pro using compatible DIME-II modules

Overview **Features** **Downloads**

The BenNUEY-PCI-4E™ provides a scalable computing platform for high performance FPGA development and deployment across a range of application areas including signal intelligence, image processing, software defined radio, and algorithm acceleration.

Featuring three DIME-II expansion slots, the BenNUEY-PCI-4E motherboard supports multiple analog and digital I/O interfaces, memory types, and Xilinx user FPGAs on a single full-length PCI card.

The PCI backplate supports four 10/100/1000-BaseT Ethernet connections. They provide high-bandwidth communication to other Ethernet enabled systems and aid development of high-performance network applications.

Off-card high speed RocketIO® headers connected to the onboard Virtex-II Pro user FPGA allow multiple BenNUEY-PCI-4E cards to be interconnected via low latency point-to-point links. These deterministic datapaths are independent of the Host operating system and an ideal way of significantly scaling applications.

Related Products

BenADDA-16



Virtex-5, Dual 16-bit ADC & Dual 16-bit DAC

BenADC-3G



Virtex-4, Dual 3 GSPS ADC

BenADC-1.5G



Virtex-4, Quad 1.5 GSPS ADC

BenDATA-V4



Virtex-4, SRAM & SDRAM

Latest News

- Nallatech Completes First Customer Shipment of 10Gb Ethernet PCI Express FPGA Accelerator Card
- Nallatech Announces Xilinx Virtex-5 PCI Express FPGA Accelerators
- Nallatech Announces Availability of Xilinx Virtex-5 FPGA, Memory and I/O Module for PCI Express Platforms
- Nallatech Announces Availability of Latest VXS Sensor Processing Solution
- Nallatech Announces Availability of Latest Analog Data Capture and FPGA Processing PMC/XMC

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