

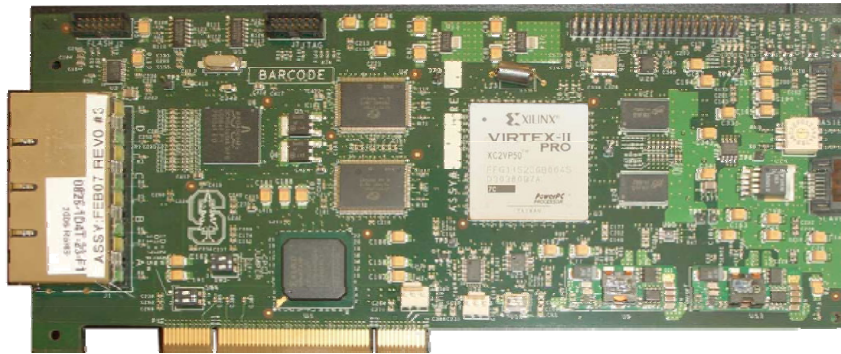
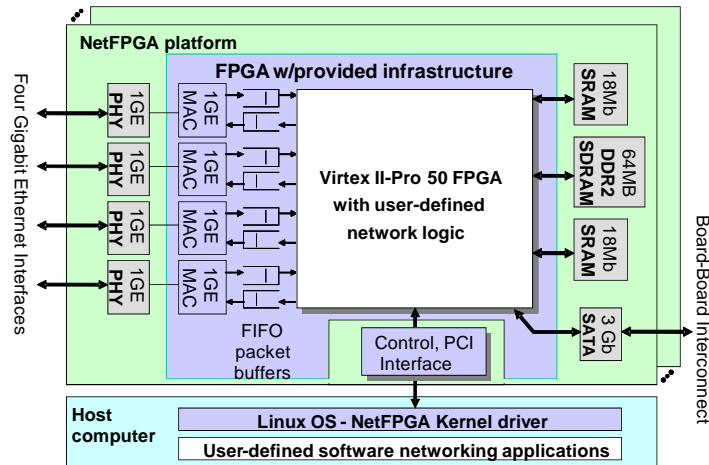
An Open Platform for Gigabit-Rate Network Switching and Routing

Hardware:

- A complete network hardware platform implemented with Field Programmable Gate Array (FPGA) logic

Open-source project includes

- Verilog Gateware and system software provided to implement :
 - Quad-port gigabit Ethernet NIC
 - Wire-speed Internet switch & router



Interfaces:

- Four gigabit Ethernet ports
- Standard PCI host Interface
- Gigabit serial I/O

Memory:

- 4.5MB Static RAM (2 banks)
- 64MB DDR2 Dynamic RAM

System:

- Put a NetFPGA into a PC to build your own hardware-accelerated, gigabit-speed:
 - Any-protocol router
 - Cycle-accurate measurement device
 - Firewall / IDS / IDP
 - Network appliance

Hardware and tools available for university programs thanks to grants, donations, and/or partnerships from:



Download documentation and source code from:

<http://NetFPGA.org>