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PARAMNet	Myrinet	Ethernet	ATM
C-DAC's 8 Port PARAM Switch cascadable with scalable bandwidth upto 1000 nodes using multistage network	Myricom's 8/16 Port Switch	8/12 Port Fast Ethernet Switch 8 Port – Gigabit Switch	16 Port ATM Switch
400+400Mbps full duplex bandwidth per port	1.28+1.28Gbps full duplex bandwidth per port	10/100Mbps full duplex bandwidth per port	155Mbps per port & 622Mbps per port
Wormhole nonblocking with adaptive routing	Nonblocking cut-through switching	Store & Forward	Cell Switching
PCI Adapters	PCI Adapters	PCI Adapters	PCI Adapters
KSHIPRA Lightweight Communication substrate/ Streams Driver/(TCP/IP)	Low Latency Protocol Support/Streams Driver/ (TCP/IP)	TCP/IP	MultiProtocol Over ATM (MPOA) & TCP/IP

























## C-DAC HPCC Software : DIViA

- DIViA (Debugger with Integrated Visualizer and Analyzer) is an advanced portable and flexible parallel debugging environment.
- It consists of a coherent set of tools that help programmer in both correctness and performance debugging.
- > Correctness Debuggers:-
  - Multiprocess Debugger (MPD)
  - Message Debugger
  - Visual Debugger (ParViD)
  - Execution Monitor (ExMon)
- > Performance Debuggers:-
  - Automatic Communication Bottleneck Detector (ABND)
  - Profile Visualizer (ProfViz)

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