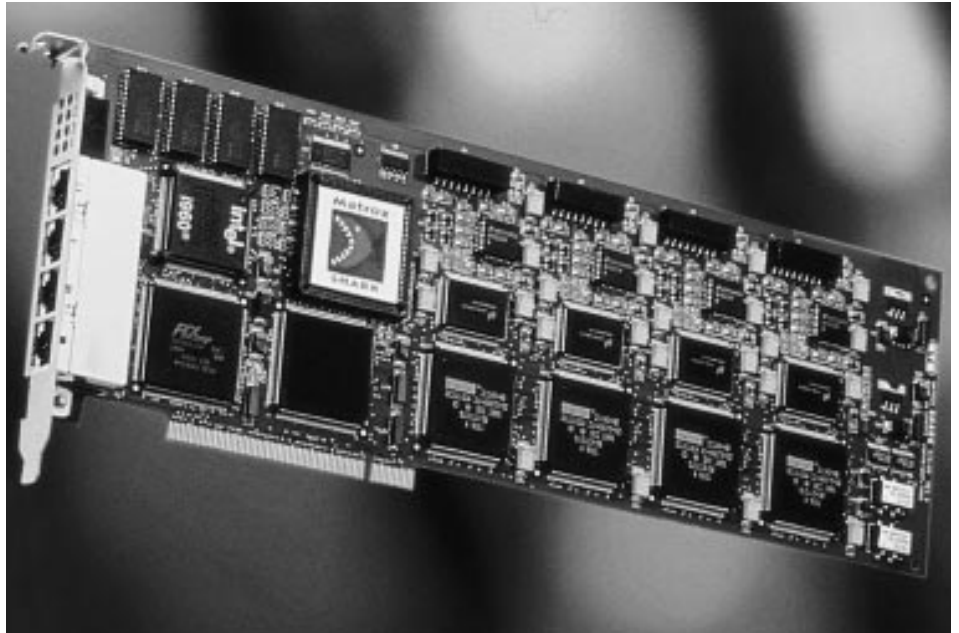


Matrox Shark-100 Multiport NIC+

- Four 10BaseT/100BaseTX Ports
- Full Duplex Operation (10BaseT and 100BaseTX)
- 800 Mbps of Aggregate Bandwidth
- On-Board i960[®] Processor Accelerates System Performance
- PCI Based Architecture (32-Bit Bus-Master Design)
- DMA Capability With Unlimited Burst Size For Low CPU Utilization
- Auto-Partitioning Isolates Network Failures
- NWay* Auto-Negotiation Automatically Determines and Adapts to Line Speed
- Plug and Play Installation (Full Compliance to the PCI V2.1 Specification)
- Bracket-Mounted LEDs Indicate Collisions, Link Integrity and Data Traffic
- Four Common 10/100 RJ-45 Shielded Ethernet Connectors
- Compatible With Matrox Network Products
- Interoperable With Other Standards-Based 10BaseT and 100BaseTX Products
- Support For Category 5 UTP/STP Wiring
- Full Compliance With IEEE802.3 10BaseT and 802.3u 100BaseTX Ethernet Standards
- Driver Support:
 - Novell NetWare* 3.1x and 4.x - ODI (Server)
 - Microsoft Windows NT* - NDIS 3.0
 - Microsoft Windows '95* - NDIS 3.0
 - OS/2-Lan Manager, LAN Server - NDIS 2.0
- 3 Year Warranty
- Power:
 - 25 Watts (NS-100/4/C)
 - 20 Watts (NS-100/4)

The Matrox Shark-100 Multiport NIC provides maximum performance, preservation of precious PCI slots, instant Fast Ethernet migration and ease of use – making it the best solution for upgrading



today's servers. Shark gives users or nodes, who perform high-bandwidth applications (i.e.: CAD, multimedia, Intranet) an immediate increase in performance. These high-bandwidth applications can cause network congestion by creating data overflows on the server bus. Shark provides these users/ nodes with their own ports, allowing them to work seamlessly with the rest of the network without any server bottlenecks.

MATROX SHARK-100 MULTI-PORT NIC SOLUTION

Matrox Shark-100 Multiport NIC is the high performance PCI adapter to meet the needs of Network servers today and in the future. It provides four independent channels of 10BaseT/100BaseTX Ethernet on a single PCI board and occupies just one of the server's PCI slots. It is ideally suited for servers with a limited number of PCI slots or for high throughput servers that process multiple network tasks.

CONTACT:

Matrox Electronic Systems
1025 St. Regis Blvd.

Dorval, Quebec
Canada H9P 2T4

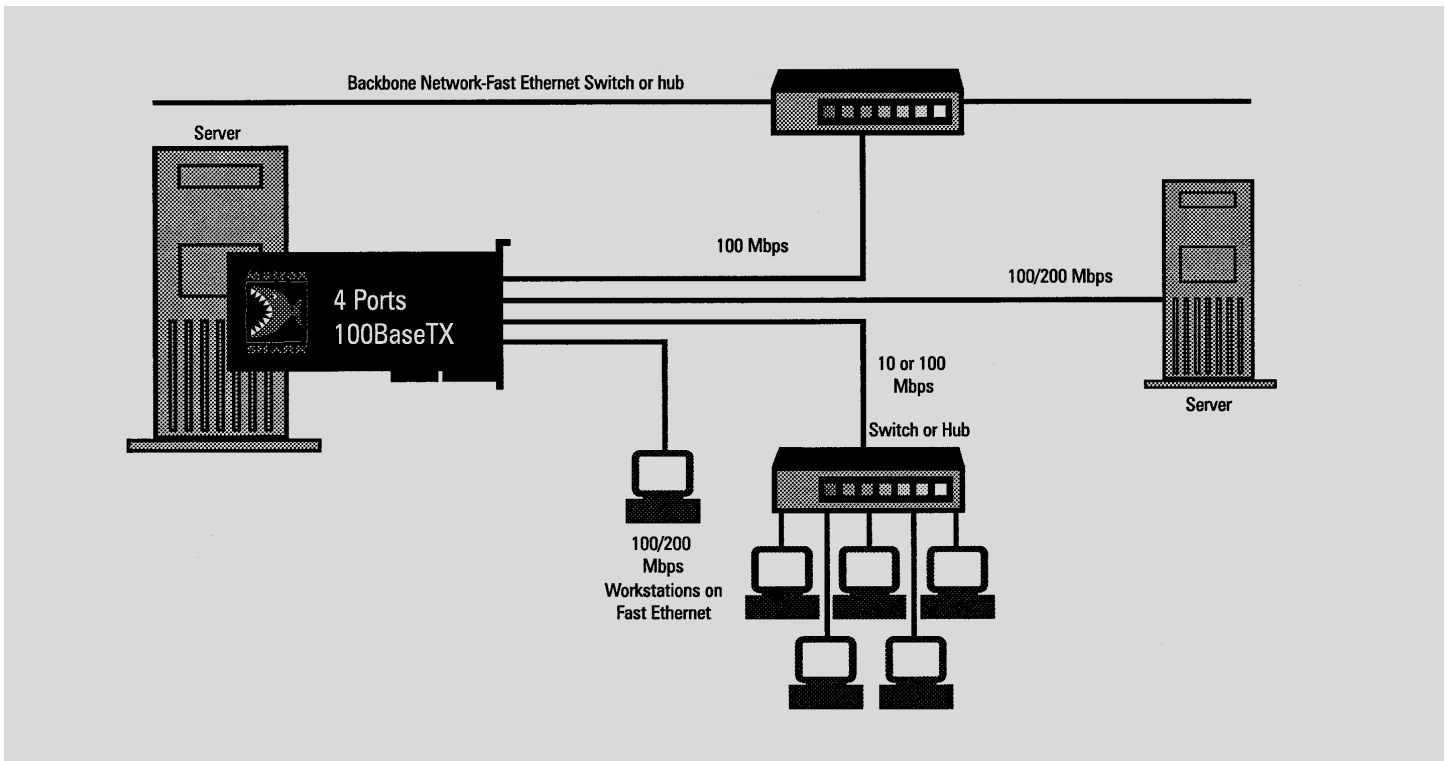
Phone: (800) 837-3611

FAX: (514) 969-6272

e-mail: networks.info@matrox.com

WWW: <http://www.matrox.com>





MATROX SHARK-100 MULTIPOINT NIC PERFORMANCE

Matrox Shark-100 Multiport NIC provides a total of 800 Mbps of aggregate bandwidth to maximize server performance. It supports Full Duplex Ethernet allowing standard Ethernet connections to increase from 10 to 20 Mbps and Fast Ethernet connections to increase from 100 to 200 Mbps. It also provides two built-in methods of increasing network performance: its state-of-the-art PCI bus design and an on-board i960 processor. By utilizing the PCI architecture and the on-board CPU, throughput of both 10BaseT and 100BaseTX networks is maximized and overall utilization of the host CPU is reduced.

ORDERING INFORMATION

Part Number:	Description:
NS-100/4/C	Matrox Shark-100 Multiport NIC+

MATROX SHARK-100 MULTIPOINT NIC SIMPLICITY

Matrox Shark-100 Multiport NIC's implementation of NWay auto-negotiation makes the migration from Ethernet to Fast Ethernet segments effortless. It uses this solid-state process to automatically detect and adapt to the line speed of the port to which it is attached (no mechanical relays or user intervention is required). Shark also implements auto-partitioning to isolate network failures, ensuring errors received on one port will not affect other ports. Shark conforms to the PCI Plug and Play 2.1 specification, providing easy installation with automatic configuration upon power-up. It provides bracket-mounted LEDs to provide monitoring of Collisions, Link integrity and Data traffic for instant troubleshooting. Finally, there is no need to replace cables, Shark supports existing Category 5 wiring.