

StreamLine-PCI* High Performance SSA Host Adapter

The Adapter Includes the Following Components:

- The StreamLine-PCI* High Performance PCI-SSA Host Adapter Card
- A Suite of Validated Device Drivers, Including: MacOS*, Windows NT, Windows '95, SCO OpenServer, NeXT OPENSTEP, and Novell NetWare*

Optional Components:

- Flash Update Utility for StreamLine-PCI SSA Adapter: a Set of Utilities to Allow Users to Update Adapter and Disk Drive Firmware
- The Pathlight DOS CAM Exerciser Software* Package, Which Enables the Adapter to Function as a Simple Development and Test Platform
- Adapter SSA External Cable Set: a Pair of 2m SSA External Cables to Connect the Adapter to Other SSA Systems and Devices

Performance

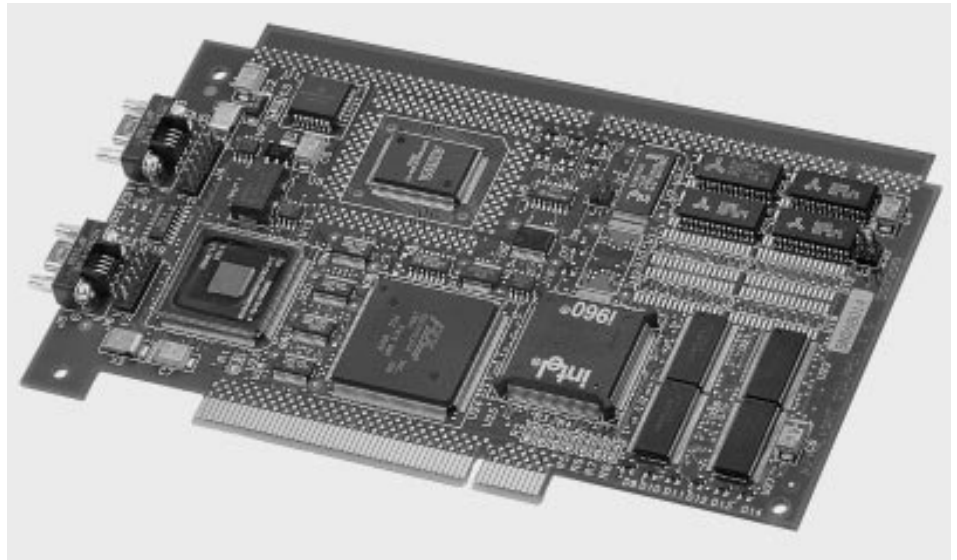
- SSA Bandwidth 80 Mbytes Per Second
- Greater Than 4500 I/O Operations Per Second¹
- Command Queuing: Supports Up to 220 Concurrent Commands
- Maximum PCI Data Transfer Rate: 132 Mbytes Per Second

Physical/Environmental

- Form Factor: Half-Size PCI
- Power: Less Than 7.6 Watts
- Temperature Range (Operating): 0-50 Degrees C
- FCC Class B Certified
- CE-Mark Received

Operating Systems

- DOS
- MacOS
- Windows NT
- Windows '95
- SCO OpenServer
- NeXT OPENSTEP
- Novell NetWare



SSA Interface

- Provides Two SSA Ports Which Support SSA Loops or Strings, With Up to 128 Devices Per Loop
- 20 Meters, Point-to-Point Using Twisted Pair Copper Cables
- Provides SSA Initiator Capabilities
- Supports Multiple Initiators in the Same SSA Loop
- Onboard Connectors Allow Use of SSA Devices Within the Host Chassis
- Supports Hot-Plugging
- Self-Configures on Power-Up
- Link Protection: 4 Byte CRC
- Error Rate: 1 Error in 1 Trillion Bits
- Complies With ANSI X3T10.1

CONTACT:

Pathlight Technology Inc.
767 Warren Road
Ithaca, NY 14850

Phone: (607) 266-4000
(800) 334-4812

FAX: (607) 266 4010

BBS: (607) 266-4018

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

For product information,
contact: sales@pathlight.com
or call: (800) 334-4812

Order No: CS900002N

For technical support,
contact: techsupport@pathlight.com

For details on the StreamLine-PCI
Adapter visit our Web site:

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

¹ Results vary as a function of host OS efficiency, users' application profiles, and the number and type of SSA devices accessed by the adapter.



PCI Bus Interface

- Full PCI Compliance
- Supports 33 MHz PCI Bus
- Serves as PCI Burst DMA Device
- Scatter/Gather Mode Supported

Local Processor

- Intel i960® JF Processor
- 32-Bit RISC Processor
- Operates at 25 MHz, Rated at 23 MIPS
- Offloads SSA Protocol Processing Tasks From Host System
- Enables Adapter to Deliver >4500 I/O Operations Per Second

The StreamLine-PCI high performance SSA Adapter is the perfect vehicle for harnessing the power and flexibility of Serial Storage Architecture (SSA) in PCs, Macs, servers, workstations, and mid-range and high-end systems. The adapter delivers the highest SSA and PCI throughput available, with device drivers support for a broad range of operating systems. And, because Pathlight SSA firmware and software can be licensed, OEMs and VARs are free to combine their own value-added code with Pathlight's proven serial interface technology.