

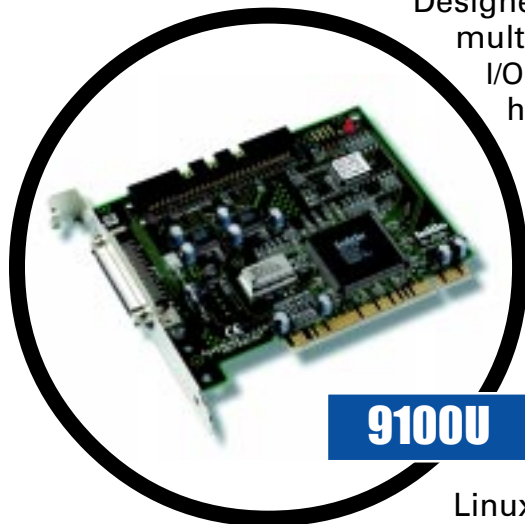
# I/O SPEEDWAY™

**INI-9100UW: PCI-UltraWideSCSI Bus Master Host Adapter**

**INI-9100U: PCI-UltraSCSI Bus Master Host Adapter**

**initio®**

## Overview:



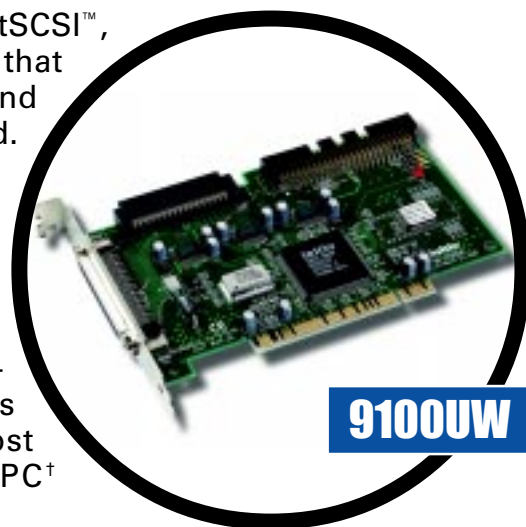
Designed with high-performance multitasking and multimedia environments in mind, the Initio® I/O SPEEDWAY™ series PCI-UltraSCSI bus master host adapters deliver up to four times the speed of conventional Fast SCSI.

I/O SPEEDWAY™ supports the latest UltraSCSI and UltraWideSCSI peripherals at up to 40 MB/sec, and takes advantage of the 133 MB/sec burst rate of the PCI bus to provide unmatched I/O performance. I/O SPEEDWAY™ supports all popular operating systems, including DOS®, and Windows®, Windows®95, Windows NT®, OS/2™, SCO®UNIX™, UnixWare™, Netware™, Linux® and recently Mac™ OS.

While I/O SPEEDWAY™ host adapters are capable of keeping pace with the most demanding applications, they offer complete compatibility with your existing SCSI peripherals. You can combine up to 15\* SCSI-1, SCSI-2, SCSI-3, or UltraSCSI peripherals for optimum performance and value.

I/O SPEEDWAY™ host adapters feature SmartSCSI™, a user-friendly, BIOS-resident setup utility that allows individual device configuration and host adapter termination via the keyboard. The Initio Manager Set makes your SCSI software installation under DOS and Windows simple and painless. Also includes field upgradable Flash BIOS.

The I/O SPEEDWAY™ host adapters include both auto-configuration and auto-termination for Plug-and-Play installations in PCI-based systems. I/O SPEEDWAY™ host adapters will run in Intel and PowerPC<sup>†</sup> compatible PCI systems.



Designed for  
  
Microsoft®  
Windows NT®  
Windows 95

  
Mac™ OS

  
Yes  
NetWare®

  
SCO  
OK

  
COREL® SCSI  
APPROVED  
PRODUCT

Ready for  
OS/2 WARP

**We Bring Innovative Solutions to Your I/O Needs.™**

## Key Benefits:

### Performance

- 40 MB/sec transfers (INI-9100UW)
- 20 MB/sec transfers (INI-9100U)
- Bus Master
- ISGE™ -Hardware Scatter/Gather Engine

### Connectivity

- Connect up to 15 devices\* on the INI-9100UW or up to 7 devices\* on the INI-9100U.
- Supports Hard Disks, CD-ROMs, CDRs, optical drives, WORM drives, tape drives, scanners, MO Drives, DAT Drives etc.

### Compatibility

- Thoroughly tested with a broad array of SCSI peripherals, and applications
- Support for all popular operating systems
- Uses current SCSI cables and infrastructure
- MO support in BIOS & driver for 512, 1024, and 2048 bytes per sector
- ASPI Compliant

### Reliability

- Full 5 Year Warranty
- 100,000 Hours MTBF (POH)

### Value

- Includes SmartSCSI™ & Easi-Install
- Field upgradable Flash BIOS
- Made in the USA

## Features:

The I/O *SPEEDWAY* series utilizes a unique PCI-SCSI engine integrated into a single chip to provide the highest performance while maintaining maximum compatibility with today's and tomorrow's peripheral products. The PCI-SCSI engine employs a distinctive Integrated Scatter/Gather Engine (ISGE™) to provide more performance with DOS®/Windows®, Windows®95, Windows NT®, Windows for Workgroups®, OS/2®, SCO® UNIX™, UnixWare™, NetWare™, and Mac™ OS. All with exceptional overall value.

All Initio host adapters include DOS device drivers for CD-ROM, Magnetic Optical (MO)/removable media and a DOS format utility. MO drivers and format utility supports 512, 1024 and 2048 bytes/sector block sizes.

Comprehensive support includes the following devices: SCSI hard disk drives, CD-ROM drives, CD-ROM writers, rewritable optical drives, WORM drives, multi-function optical drives, floptical drives, printers, scanners, removable drives, DAT tape drives, QIC tape drives, 8mm tape drives, and others.

SmartSCSI's™ unique menu driven interface makes setting up your SCSI bus simple and painless.

## Technical Specifications:

### Host Bus

PCI local bus, rev 2.1

### Host Interface

32-bit Bus Master DMA

### Host Bus Data Transfer Rate

Up to 133 MB/sec burst rate

### SCSI Bus Transfer Rate

- INI-9100UW:
  - 40 MB/sec synchronous UltraWideSCSI
  - Up to 20 MB/sec synchronous Ultra Fast SCSI
- INI-9100U:
  - Up to 20 MB/sec synchronous Ultra Fast SCSI

### Device Interface

UltraSCSI, SCSI-3, SCSI-2, SCSI-1, single ended

### Electrical Terminators

Programmable, active terminators

### Connectors

- INI-9100UW:
  - 68-pin high density external UltraWideSCSI connector
  - 68-pin high density internal UltraWideSCSI connector
  - 50-pin internal UltraFastSCSI connector
- INI-9100U:
  - 50-pin internal UltraFastSCSI connector
  - 50-pin high density external Ultra Fast SCSI connector

### Physical Dimensions

- INI-9100UW:
  - 6.25" x 3.75" (15.87cm x 9.52cm)
- INI-9100U:
  - 5.25" x 4.00" (13.35cm x 10.16cm)

### Operating Temperature

0 to 55°C (32 to 131°F)  
10% to 90% relative humidity  
(noncondensing)

### Storage Temperature

-40 to 75°C (-40 to 167°F)  
5% to 95% relative humidity  
(noncondensing)

### Regulatory compliance

FCC class B, CE

# initio®

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Printed in U.S.A. P/C: D101-03 10/15/97

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\*Actual number of UltraSCSI devices may be limited. Please review the SCSI-3 specification for further information.

†Macintosh support on PowerPC is provided for 9100UW models only.

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