



# **Intel® Server RAID Controller U3-1 (SRCU31) Supported Hardware/Operating Systems**



**Revision 1.3**

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**Enterprise Platforms Group**



## *Revision History*

Date	Revision	Modifications
6/2000	1.0	Initial Release
6/2000	1.1	Updated section 2.5 to add Red Hat Linux 6.2 support
9/2000	1.2	Updated section 2.4 to add SBT2 server board and section 2.5 to add Windows 2000 Advanced Server
12/2000	1.3	Updated section 2.4 to add STL2

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## 1. Introduction

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This document describes the hardware components and operating systems that have been tested with the Intel® Server RAID Controller U3-1 (SRCU31).

## 2. Supported Hardware/Operating System Configurations

### 2.1 External Disk Drive Enclosures

Enclosure Manufacturer	Enclosure Model	Drive Manufacturer	Size (GB)	Speed (RPM)	Drive Format
Andataco	GigaRAID/8000	Quantum	4	7,200	Ultra2
		IBM	9	10,000	Ultra2
		Seagate	2	7,200	Single-Ended
NStor	NexStor 8Lj	Quantum	18	7,200	Ultra160
		IBM	9	10,000	Ultra160
Clariion	FC5700	Seagate	9	7,200	Fibre Channel

### 2.2 Intel® Chassis Disk Drive Enclosures

Model	Number of Disks	Interface	SAF-TE Support
Astor	5	Ultra Wide	Yes
Astor II	5	Ultra2	Yes
Cabrillo C	6	Ultra2	Yes
SR2000	4	Ultra160	Yes
SR4000 (chassis for SRKA4)	5 (1" drives) or 3 (1.6" drives)	Ultra160	Yes
SC5000	5	Ultra160	Yes
SC7000 (chassis for SPKA4)	5 (1" drives) or 6 (1.6" drives)	Ultra160	Yes

### 2.3 SCSI Disk Drives

Manufacturer	Family	Model	Size (GB)	Spindle Speed (RPM)	SCSI Interface
Fujitsu*	Allegro 5 LE	MAE3091LC	9.1	7,200	Ultra160
Fujitsu	Allegro 5	MAG3182LC	18.2	10,000	Ultra160
IBM*		IDGHS09U2	9.1	7,200	Ultra80
IBM	Ultrastar 36LZX	07N3250	9.1	10,000	Ultra160
IBM		IDMVS36U2	36.4	10,000	Ultra80
Quantum*		Viking II	4.5	7,200	Ultra80
Quantum		QM336400KN-LW	36.4	10,000	Ultra80
Quantum	Atlas IV	QM309100KN-SCA	9.1	7,200	Ultra160
Quantum	Atlas IV	QM336400KN-SCA	36.4	7,200	Ultra160
Quantum	Atlas 10K	QM336400TN-SCA	36.4	10,000	Ultra160
Quantum	Atlas 10K II	TY36J011-01-AE	36.7	10,000	Ultra160
Seagate*	Medalist	ST3650W	6.5	7,200	Single-Ended
Seagate	Barracuda 18LP	ST39175LC	9.1	7,200	Ultra80
Seagate	Barracuda 18XL	ST39236LC	9.1	7,200	Ultra160
Seagate		ST150176LC	50.1	7,200	Ultra80
Seagate		ST136403LW	36.4	10,000	Ultra80
Seagate	Cheetah 36LP	ST336704LC	36.7	10,000	Ultra160
Seagate	Cheetah 73	ST173404LC	73.4	10,000	Ultra160
Western Digital*		WDE4550-0024	9.1	7200	Ultra80

## 2.4 Intel® Server Boards

Product Name
N440BX
NL440BX/T440BX
L440GX+
C440GX+
SKA4 (SPKA4/SRKA4)
SBT2
STL2

## 2.5 Operating Systems

Manufacturer	Operating System	Version
Microsoft*	Windows NT* Server	4.0 with Service Pack 6a
Microsoft	Windows NT Server Enterprise Edition	4.0 with Service Pack 6a
Microsoft*	Windows NT* Server	4.0 Japanese with Service Pack 5
Microsoft*	Windows NT* Server	4.0 Korean with Service Pack 6
Microsoft*	Windows 2000 Advanced Server	2000 with Service Pack 1
Novell*	NetWare*	4.2 with Support Pack 8
Novell	NetWare	5.0 with Support Pack 4
Red Hat*	Linux	6.2
SCO*	UnixWare*	7.1

## 2.6 Compatible PCI Adapters

Manufacturer	Model	Type
<b>SCSI Hard Disk Controllers</b>		
Adaptec*	AHA-2940U	Ultra SCSI PCI Storage Adapter
Adaptec	AHA-2940U2W	Ultra 2 SCSI PCI Storage Adapter
Adaptec	AHA-3940UW	Ultra Wide SCSI PCI Storage Adapter
Adaptec	AHA-F940	Fibre Channel PCI Storage Adapter
AMI*	MegaRAID 466	SCSI RAID PCI Storage Adapter
ATTO*	ExpressPCI Fibre	Fibre Channel PCI Storage Adapter
Intel®	SRCU21	Intel® Server RAID Controller U2-1
Intel	U2-2	Intel® Server RAID Controller U2-2 Reference Design Board
Mylex*	AcceleRAID 250	SCSI RAID PCI Storage Adapter
Mylex	DAC960PDU	SCSI RAID PCI Storage Adapter
Qlogic*	QLA 1040-PI	Ultra Wide SCSI PCI Storage Adapter
Qlogic	QLA 2100	Fibre Channel PCI Storage Adapter
LSI Logic*	SYM8951u	Ultra Wide SCSI PCI Storage Adapter
LSI Logic	SYM8751SP	Ultra Wide SCSI PCI Storage Adapter
LSI Logic	SYM22910	Ultra2 SCSI PCI Storage Adapter

**Intel® Server RAID Controller U3-1 (SRCU31) Supported Hardware/Operating Systems**

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<b>Manufacturer</b>	<b>Model</b>	<b>Type</b>
<b>Network Interface Controllers</b>		
3Com*	3C900	Ethernet Adapter
3Com	3C359	Token Ring Adapter
3Com	3C980	Fast Ethernet Adapter
3Com	3C985-SX	Gigabit Ethernet Adapter
3Com	3C805	FDDI Adapter
Allied Telesyn*	AT-2450T	Ethernet Adapter
Compaq*	Netelligent	FDDI Adapter
D-Link*	DFE-530TX	Fast Ethernet Adapter
IBM	PCI TR	Token Ring Adapter
Intel®	EtherExpress™ Pro/10+	Ethernet Adapter
Intel®	EtherExpress Pro/100+	Fast Ethernet Adapter
Intel®	EtherExpress Pro/100B	Fast Ethernet Adapter
Intel®	EtherExpress Pro/1000	Gigabit Ethernet Adapter
Olicom*	OC 6162	ATM Adapter
Olicom*	OC 3137	Token Ring Adapter
Packet Engines*	Gig-NIC II	Gigabit Ethernet Adapter
SMC*	EtherPower II 9432	Fast Ethernet Adapter
SysKonnect*	SK 5844	FDDI Adapter