



Intel® Server RAID Controller U2-1 (SRCU21) Supported Hardware/Operating Systems



Revision 1.6

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Enterprise Platforms Group

Revision History

Date	Revision	Modifications
2/2000	1.0	Initial Release
2/2000	1.1	Updated Supported Operating Systems list
6/2000	1.2	Updated to include supported items for Talo 3.19 Software Kit update. Updated Operating Systems, Server Boards and Intel Chassis Disk Drive Enclosures
6/2000	1.3	Updated tested terminology
6/2000	1.4	Updated section 2.5 to add Red Hat Linux 6.2 support
9/2000	1.5	Updated section 2.4 to add SBT2 server board and section 2.5 to add Windows 2000 Advanced Server
12/2000	1.6	Updated section 2.5 to include STL2 server board

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1. Introduction

The following document describes hardware components and operating systems that have been tested with the Intel® Server RAID Controller U2-1 (SRCU21).

2. Supported Hardware/Operating System Configurations

2.1 Disk Drive Enclosures or Chassis

Manufacturer	Model	Number of Disks	Interface	SAF-TE?
Andataco*	ESP GigaRAID/8000	8	Ultra 2 LVD	No
Andataco	ESP GigaRAID/8000	15	Ultra 2 LVD	No
Nstor*	NexStor 8Le	8	Ultra 2 LVD	Disabled
Dell*	PowerVault 201S	8	Ultra 2 LVD	Yes (Adaptec AIC-3860Q)
Kingston*	DE300i-RSWC	3	Ultra 2 SE	No
Kingston*	DE100i-RSWC	1	Ultra 2 SE	No
Kingston*	DE100i-RSLC	1	Ultra 2 LVD	No

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	Model	Size (GB)	Speed (RPM)	Interface	Qty. per channel tested
Seagate*	ST39173LW	9.1	7200	Ultra 2 LVD	15
Seagate	ST136403LW	36.4	10000	Ultra 2 LVD	15
Seagate	ST150176LC	50.1	7200	Ultra 2 LVD	1
Western Digital*	WDE18300-0048	18.3	7200	Ultra 2 LVD	2
Quantum*	KN09J11	9.1	7200	Ultra 2 LVD	5
Quantum	TN09J881	9.1	10000	Ultra 2 LVD	15
Quantum*	QM336400KN-LW	36.4	7200	Ultra 2 LVD	2
IBM*	IDGHS09U2	9	7200	Ultra 2 LVD	2
IBM	IDMVS36U2	36.4	10000	Ultra 2 LVD	2

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 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 Had*	Linux	6.2
SCO*	UnixWare	7.1.0

2.6 Compatible PCI Adapters

Manufacturer	Model	Type
SCSI Hard Disk Controllers		
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®	SRCU31	Intel® Server RAID Controller U3-1
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
Network Interface Controllers		
3Com*	3C900	Ethernet Adapter

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Manufacturer	Model	Type
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
SysKonnnect*	SK 5844	FDDI Adapter