



# **Intel<sup>®</sup> STL2 Server Board / SC5000 Chassis Tested Hardware & Operating System List**



**Revision 1.1**

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**Enterprise Platforms and Services Division**

## ***Revision History***

Date	Revision Number	Modifications
10/4/00	1.0	Initial Release
3/27/01	1.1	Added text describing customer support commitment. Removed references to all operating systems that were baseline install only tested on STL2.

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# 1. Introduction

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This document is intended for use by Intel's customers and is intended to provide readers with a guide to the different technologies Intel tested on the STL2 server board. It provides tables to show the operating systems, adapter cards, and peripherals that Intel tested with the STL2 server board.

For each operating system, adapter, and peripheral configuration, a test passes if specific criteria are met. Specific configurations may have had particular characteristics that were addressed on a case-by-case basis. In general, a configuration passes testing if the following conditions are met:

- The operating system installed without error.
- Manufacturer's installation instructions or Intel's best known methods were used for the operating system installation.
- No extraordinary workarounds were required during the operating system installation.
- The server system behaved as expected during and after the operating system installation.
- Application software installed subsequently and executed normally.
- Hardware compatibility tests ran to completion without error.
- Test software suites executed successfully
- Test and data files were created in the correct directories without error.
- Files copied from client to server and back compare to the original with zero errors reported.
- Clients remain connected to the server system.
- Industry standard test suites run to completion with zero errors reported.

## 2. Operating Systems

This section contains the list of operating systems that Intel tested with the STL2 server board.

Intel commits to provide the following level of customer support for operating systems, adapter cards, and peripherals listed in this document:

- Intel will provide support for customer issues with these operating systems involving installation and/or functionality of the server board with or without the adapters and peripherals listed in this document as having been tested under the particular operating system.
- Intel will provide support for resolution of customer issues related to the functionality of Intel® Server Control (ISC) software with the operating system, as long as the issue is within the scope of the server management feature set supported by the server board.
- Support is defined as assistance in root causing issues, and determining a customer acceptable resolution to the issue associated with the operating system. The resolution may include, but is not limited to, on-board controller driver changes, engaging the IHV for resolution, BIOS changes, firmware changes, or determining a customer acceptable workaround for the issue.
- Intel will enable Intel Server Control software functionality with the operating system release.
- Intel will provide and test operating system drivers for each onboard video, network, and storage controller.
- Intel will enable IHVs to provide driver support for add-in adapters using these operating systems.
- Intel will go through some of the steps to achieve certification to ensure its customers do not run across any problems, but the actual certification is the responsibility of the individual customer.

**For operating systems, adapter cards, and peripherals not listed in this document, there is no support commitment. Intel will consider support requests on a case-by-case basis.**

Operating System
Microsoft* Windows 2000 Advanced Server
Novell NetWare* 5.1
SCO UnixWare* 7.1.1
Red Hat* Linux 7.0

### 3. Adapter Cards and Peripherals

The following is a list of adapter cards and peripherals card Intel tested with the STL2 server board. The adapters are divided into categories based on their functionality. All integrated on-board devices are tested by default and are therefore not included in the following tables.

Note that not all adapter cards were tested under all operating systems. This is due to limitations in IHV driver availability.

	Microsoft Windows* 2000 Advanced Server	Novell NetWare* 5.1	SCO UnixWare* 7.1.1	Red Hat* Linux 7.0
<b>PCI SCSI/RAID</b>				
Adaptec* AAA-UDMA	X	X		
Adaptec AHA-3940AUWD	X	X	X	X
Adaptec AHA-3950U2B	X	X		X
Adaptec ASC-29160N	X	X	X	X
AMI* MegaRAID Express 300	X	X	X	
ICP-Vortex* GDT7538RN	X	X	X	
ICP-Vortex GDT7628RN	X	X	X	
Intel® SRCU31	X	X	X	X
Intel® SRCU31L	X	X	X	X
LSI Logic* Sym22801	X	X	X	X
LSI Logic Sym22910	X	X	X	
Mylex* AcceleRAID 352	X	X	X	
Mylex Extreme RAID 1100	X	X		X
Promise* Fast Trak 66	X			
Qlogic* QLA12160A	X	X	X	
Qlogic QLA124x	X	X	X	
Qlogic QLA1280	X	X		
<b>PCI Fiber Channel Host Adapters</b>				
Emulex* LP8000	X	X		
ICP-Vortex GDT7529RN	X	X	X	X
Qlogic QLA2200	X	X	X	X
<b>PCI Network Interface Cards</b>				
3COM* 3C905C-TXM	X	X	X	X
3COM 3C980C-TXM	X	X	X	
3COM 3C990 with DES	X	X		
Adaptec Quartet	X	X		X
Intel® EtherExpress™ PRO/100+ Server Adapter	X	X		
Intel® PRO/1000 Gigabit Server Adapter	X	X		X
Intel PRO/1000F Gigabit Server Adapter	X	X	X	X
<b>Modems</b>				
3COM 5610 PCI Fax-Modem	X			
3COM 5686 External Fax-Modem	X			X
ActionTec* 56K Internal (PCI56012-01CW)	X		X	X
Digitan* World Wide Modem (DS560-558-WW)	X			

	Microsoft Windows* 2000 Advanced Server	Novell NetWare* 5.1	SCO UnixWare* 7.1.1	Red Hat* Linux 7.0
<b>PCI Video Adapters</b>				
Matrox* Millennium G200 SD	X	X	X	
<b>PCI Audio Cards</b>				
Creative Labs* Sound Blaster PCI 128	X			
<b>USB Devices</b>				
Intel® Create and Share Camera	X			
Logitech* wheel mouse	X			
Micron* Kanji Keyboard – PS/2 connector	X	X		
Microsoft* Intellimouse USB mouse	X			
Microsoft Natural Keyboard Elite	X			
Peracom* USB Quad Hub 4-port self-powered hub	X			
Phillips* DSS-370 USB Speakers	X			
Thrustmaster* Reflex USB 3D Joystick	X			
<b>Server Management</b>				
Intel® Arrowhead		X	X	
<b>CD-ROM</b>				
Mitsumi* CRMC-FX4820T (ATA)	X	X		X
Plexor* UltraPlex Wide (SCSI-UW)		X		
Samsung* SC – 148 (ATA)	X	X	X	
Samsung SN – 124T (ATA)	X	X	X	
Sony* CDU-224E	X	X	X	
Teac* CD-224e (ATA)	X	X	X	
Teac CD-540e (ATA)	X	X		X
Toshiba* SM 6702B (ATA)	X	X		
Toshiba XM6401B (SCSI-N)	X	X		
Toshiba XM-6402B (ATA)	X	X	X	X
<b>DVD</b>				
Hitachi* GD7000 (ATA)	X	X		X
Samsung SD-612 (ATA)	X	X		X
Toshiba SD-M1212X (ATA)	X			
<b>Tape Drives</b>				
Exabyte* Mammoth 60GB	X	X		X
Quantum DLT 8000	X			X
Seagate* Scorpion 40 DDS-4 (SCSI)	X	X		
<b>Removable Drives</b>				
Mitsubishi* LS-120 Floppy (ATA)	X			
<b>Hard Drives</b>				
IBM* UltraStar 36LP, 7200 RPM, SCA, Ultra160	X	X		
IBM UltraStar 18LP, 7200 RPM			X	X
IBM Telesto 75GB, 7200 RPM, ATA 66	X	X	X	
IBM UltraStar 36LZX, 10K, SCA, Ultra160		X	X	X
Quantum LCT15, ATA 66	X		X	
Quantum Atlas 10K II, 9GB, SCA, Ultra160	X		X	X
Quantum Atlas V, 18GB, SCA	X	X		X
Seagate Barracuda 18XL, SCA, Ultra160	X	X	X	X

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	<b>Microsoft Windows* 2000 Advanced Server</b>	<b>Novell NetWare* 5.1</b>	<b>SCO UnixWare* 7.1.1</b>	<b>Red Hat* Linux 7.0</b>
Seagate Barracuda ATA II, ATA 66, 10 GB		<b>X</b>		
Seagate Cheetah 18LP, SCA, Ultra160	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>