



Intel[®] SAI2 Server Board with LSI* 20160 SCSI Adapter / SC5100 Chassis Tested Hardware & Operating System List



Revision 1.0

March 2002

Enterprise Platforms and Services Division

Revision History

Date	Revision Number	Modifications
March 2002	1.0	Initial Release

Disclaimers

THE INFORMATION IN THIS DOCUMENT IS PROVIDED "AS IS" WITH NO WARRANTIES WHATSOEVER, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY WARRANTY OTHERWISE ARISING OUT OF ANY PROPOSAL, SPECIFICATION, OR SAMPLE.

Information in this document is provided in connection with Intel® products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, life saving, or life sustaining applications.

Intel retains the right to make changes to its test specifications at any time, without notice.

The hardware vendor remains solely responsible for the design, sale and functionality of its product, including any liability arising from product infringement or product warranty.

Copyright © Intel Corporation 2002.

*Other brands and names are the property of their respective owners.

Table of Contents

1. Introduction	1
2. Operating Systems.....	2
3. Adapter Cards and Peripherals	3

< This page intentionally left blank. >

1. Introduction

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 SAI2 server board with the LSI* 20160 SCSI Adapter. It provides tables to show the operating systems, adapter cards, and peripherals that Intel tested with the SAI2 server board and LSI 20160 SCSI Adapter.

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 SAI2 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.
- 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 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
Red Hat* Linux 7.1

3. Adapter Cards and Peripherals

The following is a list of adapter cards and peripherals card Intel tested with the SAI2 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	Red Hat* Linux 7.1
PCI RAID		
AMI* Elite 1600 MegaRAID 493	X	X
AMI* Enterprise 1600 MegaRAID 471	X	X
ICP-Vortex* GDT6523RS	X	X
Intel® Server RAID Controller SRCU31	X	X
Intel® Server RAID Controller SRCU31L	X	X
Intel® Server RAID Controller SRCU32	X	X
Mylex* AcceleRAID 352 A352-2-32NB	X	X
Mylex AcceleRAID 170 A170-1-32NB	X	X
PCI SCSI		
Adaptec AHA-2940U2W	X	X
Adaptec ASC-29160N	X	X
Adaptec ASC-39160	X	X
LSI Logic* LSI20160	X	X
PCI Network Interface Cards		
3COM 3C905C-TX-M	X	X
3COM 3C980C-TX-M	X	X
Intel® PRO/100+ Server Adapter (PILA8470B)	X	X
Intel® PRO/100 S Server (PILA8470D3)	X	X
Intel® PRO/100+ Dual Port Server Adapter (PILA8472)	X	X
Intel® Pro/100 S Dual Port Server adapter (PILA8472D3G1)	X	X
Intel® PRO/1000 F Gigabit Server Adapter (PWLA8490SX)	X	X
Intel® PRO/1000 T Server Adapter (PWLA8490T)	X	X
CD-ROM		
Plextor* UltraPlex Wide PX-40TSUWi	X	X
Lite-On LTN-526S	X	X
Teac* CD532S	X	X
DVD		
Pioneer* DVD-305S-A	X	X
Tape Drives		
Seagate STD2401LW-S	X	X
Hard Drives		
Seagate Cheetah 18LP ST318203LC 18GB		X

Adapter Cards and Peripherals

Intel® SAI2 Server Board with LSI* 20160 SCSI Adapter / SC5100 Chassis Tested Hardware & Operating System List

	Microsoft Windows* 2000 Advanced Server	Red Hat* Linux 7.1
Seagate Cheetah 18LP ST39103LC 9GB	X	
Seagate Cheetah 18XL ST39204LC 9GB	X	X
Seagate Barracuda 18XL ST39236LC 9 GB	X	X
Seagate Cheetah 9LP ST34502LC 4.5GB	X	X
Quantum Atlas V XC09J011 9GB	X	X
IBM Deskstar 60GXB 40GB		X
Samsung SpinPoint SV4084H 40GB	X	X
Seagate ST340016A		X