



Intel[®] SAI2 Server Board Tested Hardware & Operating System List



Revision 2.0

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Enterprise Platforms and Services Division

Revision History

Date	Revision Number	Modifications
February 2002	1.0	Initial Release
March 2002	2.0	Updated model numbers.

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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. It provides tables to show the operating systems, adapter cards, and peripherals that Intel tested with the SAI2 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 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		
Adaptec* ASR2100S	1	1
AMI* Elite1600	1	1
ICP-Vortex* GDT6523RS	1	1
Intel® SRCU31L	1	1
Intel® SRCU32	1	1
Mylex* AcceleRAID 352	1	1
Mylex AcceleRAID 170	1	1
Promise* Fast Trak 100 TX2	1	1
PCI SCSI		
Adaptec AHA-2940U2W	1	1
Adaptec ASC-29160N	1	1
Adaptec ASC-39160	1	1
PCI Fiber Channel Host Adapters		
Emulex* LP8000-T1	1	
Emulex LP9000/9002-T1	1	
Qlogic QLA2200/66	1	1
PCI Network Interface Cards		
3COM* 3C905C-TX-M	1	1
3COM 3C980C-TXM	1	1
3COM 3C996-TX	1	1
Dlink DFE-530/TX+	1	1
Intel® PRO/100+ Server Adapter (PILA8470B)	1	1
Intel® PRO/100 S Server Adapter (PILA8470C3)	1	1
Intel® PRO/100 S Dual Port Server Adapter (PILA8472C3)	1	1
Intel® PRO/100+ Dual Port Server Adapter (PILA8472)	1	1
Intel® PRO/1000 F Gigabit Server Adapter (PWLA8490SX)	1	1
Intel® PRO/1000 T Server Adapter (PWLA8490T)	1	1

	Microsoft Windows* 2000 Advanced Server	Red Hat* Linux 7.1
Modems		
3COM 3CP5610A	1	1
3COM 3294	1	1
USB Devices		
Logitech* M-UB48 Mini wheel mouse PS/2 and USB	1	1
Keytronic Pilot Pro keyboard PS/2	1	1
Microsoft* Intellimouse PS/2 and USB mouse	1	1
Microsoft Internet Keyboard Pro PS/2 and USB	1	1
CD-ROM		
Mitsumi* CRMC-FX4824T (ATA33)	1	1
Samsung* SC – 152 (ATA33)	1	1
Samsung SN-124	1	1
Toshiba* SD-R1102 (ATA33)	1	1
DVD		
Toshiba SD-M1612 (ATA33)	1	1
Removable Drives		
FUJITSU DynaMO 1300SF + U (USB)	1	1
IOMEGA CD-RW 4x4x6 (USB)	1	1
IOMEGA ZIP-IDE250 (ATA)	1	1
IOMEGA ZIP-USB (USB)	1	1
Teac CDW54E/KIT/USB (USB)	1	1
Teac FD235HF (FD-235HF)	1	1
Teac FD05PUB (USB)	1	1
Hard Drives		
IBM IC35L040AVER07 Deskstar GXP60	1	1
Maxtor MX 6L080J4 Viper	1	1
Samsung SP4004H ATA100	1	1
Seagate ST340016A Barracuda IV	1	1
Seagate ST380020A U6	1	1

¹ Intel® Server Board SAI2, PBA# A66889-101, BIOS Production Release 4 (Build 17), Intel® Server Chassis SC5100