Intel® SBT2 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
8/4/00	1.0	Initial Release
3/28/01	1.1	Added text describing customer support commitment. Removed references to all operating systems that were baseline install only tested on SBT2.

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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 SBT2 server board. It provides tables to show the operating systems, adapter cards, and peripherals that Intel tested with the SBT2 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 SBT2 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 determing 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 determing 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, Service Pack 1
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 periperals card Intel tested with the SBT2 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	RedHat Linux* 7.0
PCI SCSI/RAID				
Adaptec AHA 3950U2B	X	X	X	
Adaptec ASC-29160N	X	X		X
Adaptec ASC-39160	X	X		X
AMI MegaRAID 428	X	X		X
AMI MegaRAID 466	X	X		
DPT PM2564U2-R-16M	X	X		
ICP-Vortex GDT7538RN		X	X	
Intel® SRCU31		X	X	X
Intel® SRCU21		X	X	
LSI SYM22910	X	X		X
Mylex AcceleRAID 250	X	X	X	
Mylex Extreme RAID 2000	X	X	X	
Qlogic QLA12160A	X	X		
PCI Fiber Channel Host Adapters				
Qlogic QLA2100/66 (64/66)	X	X	X	
PCI Network Interface Cards				
3COM 3C980C-TX	X	X	X	X
3COM 3C985B-SX	X	X	X	X
Intel® Pro/100 S Server	X	X	X	X
Intel® Pro/100+ Dual Port Server (PILA8472)	X	X	X	X
Intel® Pro/100+ Server Adapter (PILA8470B)	X	X	X	X
Intel® Pro1000 Gigabit Server Adapter (PWLA8490)	X	X	X	X
SMC-9432TX	X	X	X	X
USB Devices				
Peracom USB Quad Hub 4 port Self Powered hub	X			
Phillips DSS-370 USB Speakers	X			
Microsoft Intellimouse USB Keyboard	X			
Microsoft Intellimouse USB Mouse	X			
Intel® USB Camera	X			
Thrustmaster USB Joystick	X			
CDROM/DVD				

	Microsoft Windows* 2000 Advanced Server	Novell NetWare* 5.1	SCO UnixWare* 7.1.1	RedHat Linux* 7.0
Teac CD-540e IDE	X	X		X
Mitsumi CRMS-FX4820T IDE			X	X
Sony CDU4821 IDE	X	X		X
Plextor UltraPlex Wide PX-40TSUWi Wide SCSI	X	X	X	X
Toshiba SD-M1212 IDE	X	X	X	
Pioneer DVD 303S-A SCSI-n	X	X		
Tape Drives				
HP Surestor Dat 8i SCSI				X
Removable Drives				
Iomega* Zip 100 IDE	X	X		X
Mitsubishi Ls120 IDE	X	X		
Hard Drives				
Western Digital Caviar 14300 IDE			X	X
Quantum Fireball Plus LM IDE			X	X
IBM UltraStar LZX DDSY-T09170 U160 SCA			X	X
Quantum Atlas 10K U160 68pin		X	X	X
Quantum Atlas IV SCSI U160		X		
Seagate Barracuda ST318275 SCA		X	X	X
Seagate Barracuda ST34573LC SCA		X		
Seagate Barracuda II ST310210A IDE	X			
Seagate Barracuda ST318436LC SCA	X			
Seagate Cheetah ST318404LC SCA	X			
Seagate Barracuda ST19171F FCAL	X			