Intel® SBT2 Server Board
Server Products Division
Tested Hardware/OS List

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Introduction

Intel's Platform Validation Lab (PVL) validates that server platforms function in real-world environments by designing, conducting, and reporting the results of compatibility and stress testing procedures.

The following base hardware was used for test validation:

SBT2 Server Board (A26956-001)
HSBP Card PBA: 732396-501
Intel® Pentium® III Xeon™ 800 MHz processor with 256KB L2 Cache
BMC firmware v1.14
Production BIOS Release 1.2 (Build 6)
Intel® SC5000 Server Chassis with HSC firmware v0.01.

Onboard components were used throughout testing unless otherwise stated.
The following operating systems were installed and run on the SBT2 Server Board.

- Microsoft Windows* 2000 Advanced Server
- Microsoft Windows NT* Server v4.0 Enterprise Edition with Service Pack 6
- Novell Netware* 5.1
- Novell Netware* 4.2 with Service Pack 8
- RedHat Linux* 6.2 System Builder Edition 2
- RedHat Linux* 5.2
- SCO UnixWare* v7.1.1
- SCO UnixWare* v2.1.3

Pass/ Fail Criteria

Specific configurations may have had particular characteristics that were addressed on a case-by-case basis.

In general, a configuration passes testing if:

The operating system installed without error.
- Manufacturer's installation instructions or PVL Best Known Methods (BKM) were used.
- No extraordinary workarounds were required.
- The system behaved as expected during and after installation.
- Applications installed subsequently executed normally.

Hardware compatibility tests run to completion without error.

Test suites execute successfully.
- Test/Data files are created in the correct directories without error.
- Files copied from client to server and back compare to the original with 0 errors reported.
- Clients remain connected.

Industry standard test suites run to completion with zero errors reported.

Hardware Tested

The following table contains a complete list of all hardware peripherals that were configured in the SBT2 Server for these regression compatibility and stress runs.

	Microsoft Windows* 2000 Advanced Server	Novell NetWare* 5.1	SCO UnixWare* 7.1.1	RedHat Linux* 6.2 SBE2
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				
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		

	Microsoft Windows* 2000 Advanced Server	Novell NetWare* 5.1	SCO UnixWare* 7.1.1	RedHat Linux* 6.2 SBE2
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			