intel®

Intel® Server Board SE7505VB2

Tested Hardware and Operating System List

Revision 1.8

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Enterprise Platforms and Services Marketing

Revision History

Date	Revision Number	Modifications
February 2003	1.0	Initial Release
April 2003	1.1	Updated audio, video, SCSI and hard drive sections
September 2003	1.2	Updated audio, video, SCSI and hard drive information
October 2003	1.3	Updated new peripheral validation and updated hard drive information
April 2004	1.4	Updated new peripheral validation and updated hard drive information
June 2004	1.5	Updated Novell Netware 6.5 certification status and hard drive information
September 2004	1.6	Updated new hard drive information
November 2004	1.7	Updated Supported Operating Systems section
December 2004	1.8	Updated new hard drive information

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Table of Contents

1.   Introduction

This document is intended to provide users of the Intel® server board SE7505VB2 with a guide to the different operating systems, adapter cards, and peripherals tested by Intel on this platform.

This document will continue to be updated as new add-in cards, peripherals, and operating systems are tested or until the Intel server board SE7505VB2 is no longer in production. Each new release of the document will present updated information as well as continue to provide the information from previous releases.

Intel will only provide support to those add-in cards and peripherals under the specified system configuration (BIOS level), and operating systems versions with which they were tested.

1.1   Test Overview

Testing performed on the Intel server board SE7505VB2 is classified under two separate categories: Compatibility Testing and Stress Testing.

1.1.1   Basic Installation Testing

Basic compatibility testing is performed with each supported operating system. Basic installation testing validates the server board can be used to install the operating system and that the base hardware feature set is functional. A small set of peripherals is used for installation purposes only. No add-in cards are tested. Testing may include network connectivity and running of proprietary and industry standard test suites.

✎   The latest version of an operating system signifies the latest supported version at the time of the actual test run. Each new release of this document may have a newly supported release of a given operating system. Previous releases of a supported operating system may not be tested beyond the basic compatibility test process.

1.1.1.1   Support Commitment for Basic Installation Testing

Intel commits to provide the following level of customer support for operating systems that receive only basic installation testing:

- Intel will provide and test operating system drivers for each of the server board's integrated controllers, provided that the controller vendor has a driver available upon request. Vendors will not be required by Intel to develop drivers for operating systems that they do not already support. This may limit the functionality of certain server board integrated controllers.
- Intel will support customer issues that involve installation and/or functionality of operating system with the server board's integrated controllers only if a driver has been made available.
- Intel will NOT provide support for issues related to use of any add-in adapters or peripherals installed in the server system when an operating system that received basic installation testing only is in use.
- 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 vendor for resolution, BIOS changes, firmware changes, or determining a customer acceptable workaround for the issue.

1.1.2   Adapter / Peripheral Compatibility and Stress Testing

Adapter / Peripheral Compatibility and Stress testing is performed only on the most current release of a supported operating system at the time of a given validation run. The Adapter / Peripheral Compatibility and Stress testing process consists of three areas: Base Platform, Adapter Compatibility, and Stress.

Base Platform: Each base platform will successfully install a given operating system, successfully run a disk stress test, and successfully run a network stress test.

Adapter Compatibility: Adapter compatibility validation (CV) testing uses test suites to gain an accurate view of how the server performs with a wide variety of adapters under the primary supported operating systems. These tests are designed to show hardware compatibility between the cards and the server platform and include functional testing only. No heavy stressing of the systems or the cards is performed for CV testing.

Stress Testing: This test sequence uses configurations that include add-in adapters in all available slots, (depending on chassis used) for a minimum 72-hour test run without injecting errors. Each configuration passes an installation test, a Network/Disk Stress test, and tape backup test. Any fatal errors that occur will require a complete test restart.

1.1.2.1   Support Commitment for Adapter / Peripheral Compatibility and Stress Testing

Intel commits to provide the following level of customer support for operating systems that receive Adapter / Peripheral Compatibility and Stress testing:

- 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 vendor 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 vendors 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.

1.2   Pass/Fail Test Criteria

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 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.

All Intel server board SE7505VB2 testing was performed using the Intel server chassis SC5200 or the Intel Server Chassis SC5250-E.

2.   Base System Configurations

The following table lists the base configurations tested. Base configurations will change as new revisions of the Intel® server board SE7505VB2 are released and/or new system BIOS is cut onto the board in the factory. Each base configuration is assigned an identifier number that is referenced in the tables throughout this document. New base configurations are added with each new release of this document.

✎   Intel will only provide support for adapters and peripherals under the specified base system configuration and operating systems versions with which they were tested.

Base System Identifier #	Board Type	Part Number	BIOS Revision	BMC Firmware Revision	SC5200 HSC Firmware Revision	SC5250-E HSC Firmware Revision	Notes
1	SE7505VB2 BVBBB	C15472-502	1.01	N/A	10	10	Hotswap backplane is an optional accessory for SC5200 and SC5250-E
2	SE7505VB2 BVBBB	C15472-701	1.06	N/A	10	10	Hotswap backplane is an optional accessory for SC5200 and SC5250-E
3	SE7505VB2 BVBBB	C15472-701	1.07	N/A	10	10	Hotswap backplane is an optional accessory for SC5200 and SC5250-E
4	SE7505VB2 BVBBB	C15472-701	1.08	N/A	10	10	Hotswap backplane is an optional accessory for SC5200 and SC5250-E
5	SE7505VB2 BVBBB	C15472-701	1.10	N/A	10	10	Hotswap backplane is an optional accessory for SC5200 and SC5250-E

3.   Supported Operating Systems

The following table provides a list of supported operating systems for the Intel® server board SE7505VB2. Each of the listed operating systems was tested for compatibility with Intel® server board SE7505VB2 base system configuration listed in Section 2 of this document. Operating systems are supported only with the specified base system configuration(s) with which they were tested.

The following table also indicates whether each operating system received Basic Installation Testing, or Adapter / Peripheral Compatibility and Stress Testing. For information on the support commitments for Basic Installation Testing vs. Adapter / Peripheral Compatibility and Stress Testing, please reference Section 1 of this document.

Any variations to the standard operating system installation process are documented in the Installation Guidelines section of this document. If there are no installation guidelines noted in the following table, then the operating system installed as expected using manufacturer's installation instructions or Intel's best-known methods.

✎   Operating systems supported by Intel® Server Management software or LANDesk* Client Manager software may be different than the operating systems supported by the Intel Server Board SE7505VB2. Please reference the Readme and User Guide documents that are included as part of each Intel Server Management and LANDesk* Client Manager distribution for operating systems that are supported by that release.

Operating System	Base System Configuration Tested & Type of Testing	Notes
Microsoft Windows* 2003 Server Enterprise Edition	Configuration 2- Compatability and Stress Configuration 3- Compatability and Stress Configuration 4- Compatability and Stress	Intel's testing was completed with Microsoft Windows Server 2003. The Intel Server Board SE7505VB2 supports the operating system portion of Microsoft Windows Small Business Server 2003 only. The application portion is not tested or supported.
Red Hat Linux* 9.0	Configuration 2- Compatability and Stress Configuration 3- Compatability and Stress Configuration 4- Compatability and Stress	
Micosoft Windows Xp Profesional, Service Pack 1	Configuration 1- Compatability and Stress Configuration 3- Compatability and Stress Configuration 4- Compatability and Stress	
Microsoft Windows* 2000 Advanced Server, Service Pack 3	Configuration 1- Compatability and Stress Configuration 2- Compatability and Stress	Microsoft Windows 2000 Server. The Intel Server Board SE7505VB2 supports the operating system portion of Microsoft Windows Small Business Server 2000 only. The application portion is not tested or supported.

Novell NetWare* 6.5, Service Pack 2	Configuration 4- Compatability and Stress	
	Configuration 5- Compatability and Stress	
SCO OpenServer 5.0.7	Configuration 5- Basic Installation	
SCO OpenServer 5.0.6a	Configuration 5- Basic Installation	
SCO UnixWare 7.1.4	Configuration 5- Basic Installation	
SCO UnixWare 7.1.3	Configuration 5- Basic Installation	

3.1   Operating System Certifications

Listed below are the operating systems that Intel will certify SE7505VB2 Server board. However, the customer is responsible for their own certification from the individual operating system vendors. In many cases, the customer may leverage their operating system certifications from Intel's testing. See the "Comments" section next to each operating system in the table below for additional information. Intel's certifications, pre-certification, and operating system testing may help reduce some of the risk in achieving customer certifications with the operating system vendors.

Operating System	Certification Listing	Comments
Microsoft Windows* Server2003	Intel® SE7505VB2 Server MID# 713445 (SATA Base/SATA RAID)	OEM must request certification by Microsoft for their specific product. http://www.microsoft.com/hwdq/hcl/search.asp (Search on SE7505VB2) http://developer.intel.com/design/servers/whql.htm
Microsoft Windows XP* Professional	Intel® SE7505VB2 MID# 713445 (SATA Base/SATA RAID)	OEM must request certification by Microsoft for their specific product. http://www.microsoft.com/hwdq/hcl/search.asp (Search on SE7505VB2) http://developer.intel.com/design/servers/whql.htm
Microsoft Windows* 2000 Advanced Server	Intel® SE7505VB2 Server MID# 713445 (SATA Base/SATA RAID)	OEM must request certification by Microsoft for their specific product. http://www.microsoft.com/hwdq/hcl/search.asp (Search on SE7505VB2) http://developer.intel.com/design/servers/whql.htm
Novell NetWare* 6.5	Intel® SE7505VB2 Server	OEM must request certification by Novell for their specific product. (Search on SE7505VB2) http://developer.novell.com/yes/75166.htm

Operating System	Certification Listing	Comments
Red Hat* Linux 9.0	Intel® SE7505VB2 Server	OEM must request certification by Red Hat for their specific product. (Search on SE7505VB2) http://hardware.redhat.com/hcl/?pagename=hcl&view=certified&vendor=399&class=8#list
SCO OpenServer 5.0.7	Intel® SE7505VB2 Server MID# 713445 (SATA Base/SATA RAID)	OEM must request certification by SCO for their specific product. (Select OS and version, then search on SE7505VB2) http://wdb1.sco.com/chwp/owa/hch_search_wizard.action
SCO UnixWare 7.1.4	Intel® SE7505VB2 Server MID# 713445 (SATA Base/SATA RAID)	OEM must request certification by SCO for their specific product. (Select OS and version then search on SE7505VB2) http://wdb1.sco.com/chwp/owa/hch_search_wizard.action

4.   Adapters and Peripherals

Add-in adapter card and peripheral compatibility and stress testing will only be performed with the latest version of an operating system at the time the validation testing occurred. The following table shows the operating system and base configurations used to validate each device. 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. The following notation is used in the tested adapters and peripherals table below to indicate the support level that Intel provides for a particular adapter under a particular operating system:

Number (i.e. 1)	This adapter or peripheral has been tested and is supported under the specific configuration identified in the Base System Configurations Table in Section 2 of this document.
Number in brackets (i.e. [1])	This adapter or peripheral has been tested, but is NOT supported under the specific configuration identified in the Base System Configurations Table in Section 2 of this document.
NT	This adapter or peripheral has not been tested under this operating system and is not supported under this operating system.
ND	This adapter or peripheral has not been tested under this operating system due to limitations in IHV driver availability, and is not suported under this operating system.
SA (Similar Adapter)	This adapter is supported, but not tested. This adapter model has not been tested with this server board, but Intel will support it based on successful testing of a similar adapter from the same adapter family. Intel has high confidence that this adapter will function correctly with the server board. This adapter uses the same firmware and drivers, and has a nearly identical system interface to another adapter of the same family that has been successfully tested with this server board. In addition, Intel has secured IHV commitment to support the similar adapters equally. Customers should always test adapters as part of the final system configuration prior to deployment. All installation guidelines for the tested adapter also apply to the similar adapter.

Any variations to the standard adapter installation process or to expected adapter functionality are documented in the Installation Guidelines section of this document. If there are installation guidelines affecting a particular adapter and operating system combination, these are referenced in the following table. If there are no installation guidelines noted in the following table, then the adapter installed and functioned as expected using manufacturer's installation instructions or Intel's best-known methods.

> ✎   Testing of adapters cards normally is performed with unused add-in adapters and onboard controller expansion ROMs disabled in BIOS Setup. Intel recommends that customers disable the option ROM for add-in controllers and/or the on-board controllers when not booting from the controller or needing to use its built in utilities.

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
4.1 Video Adapters									
ATI	Radeon 9700		AGP 8x		1,2,3,4	1,3,4	2,3,4	NT	2,3,4
ATI	Radeon 9000 Pro		AGP 4x		1,2,3,4	1,3,4	2,3,4	NT	2,3,4
ATI	Radeon 8500		AGP 4x		1,2,3,4	1,3,4	2,3,4	NT	2,3,4
ATI	Radeon 9500 Pro		AGP 8x		1,2,3,4	1,3,4	2,3,4	NT	2,3,4
ATI	Fire GL 8800		AGP 4x		1,2,3,4	1,3,4	2,3,4	NT	2,3,4
ATI	Radeon 7500 Dual Head PCI		PCI		1,2,3,4	1,3,4	2,3,4	NT	2,3,4
ATI	FireGL X1 (AGP Pro)		AGP 8x		1,2,3,4	4	2,3,4	NT	2,3,4
ATI	FireGL Z1		AGP4x/8x		1,2,3,4	3,4	2,3,4	NT	2,3,4
PNY	Quadro 4 XGL 750 (nVidia)		AGP 4x		1,2,3,4	1,3,4	2,3,4	NT	2,3,4
PNY	Verto GeForce 4 Ti4600 (nVidia)		AGP 4x		1,2,3,4	1,3,4	2,3,4	NT	2,3,4
PNY	GeForce 4 MX 440		AGP 4x		1,2,3,4	1,3,4	2,3,4	NT	2,3,4
Matrox	Parehalia (256MB)		AGP 8x		1,2,3,4	1,3,4	2	NT	2,3,4
Matrox	G450 PCI		PCI		1,2,3,4	1,3,4	2,3,4	NT	2,3,4
nVidia	Elsa 518 GF4MX440-8x		AGP 8x		1,2,3,4	1,3,4	2,3,4	NT	2,3,4
Asus	Asus GeForce4 Ti 4200		AGP 8x		1,2,3,4	1,3,4	2,3,4	NT	2,3,4

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
3D Labs	Wildcat II 5510		AGP		1,2,3,4	3,4	ND	NT	2,3,4

4.2   Audio Cards

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
Creative Labs	Creative Sound Audigy 2		PCI		1,2,3,4	1,3,4	NT	NT	2,3,4
Creative Labs	Creative Sound Blaster Audigy Gamer		PCI		1,2,3,4	1,3,4	NT	NT	2,3,4
Creative Labs	Creative Sound Blaster Extigy		PCI		1,2,3,4	1,3,4	NT	NT	2,3,4
Creative Labs	Creative Sound Blaster Live CT4769		PCI		1,2,3,4	1,3,4	NT	NT	2,3,4
Turtle Beach	Voyetra Turtle Beach Santa Cruz		PCI		1,2,3,4	1,3,4	NT	NT	2,3,4

4.3   PCI RAID

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
Intel	SRCU42L		PCI	64bit / 66MHz	1,2,3,4	1,3,4	2,3,4	4	2,3,4
Intel	SRCU31L		PCI	32bit / 33MHz	1	1	NT	NT	NT
Intel	SRCU32U		PCI	64bit / 66MHz	1,2,3,4	1,3,4	2,3,4	4	2,3,4
Intel	SRCU31A		PCI	64bit / 66MHz	1,2,3	1,3	2,3	NT	2,3
Intel	SRCS14L		PCI	64bit / 66MHz	1,2,3,4	1,3,4	2,3,4	4	2,3,4
Adaptec	ASR-2110s		PCI	32bit / 33MHz	1,2,3,4	1,3,4	2,3,4	4	2,3,4
Adaptec	ASR-3410s		PCI	64bit / 66MHz	1,2,3,4	1,3,4	2,3,4	4	2,3,4
AMI	Elite 1600 (439)		PCI	64bit / 66MHz	1,2,3,4	1,3,4	2,3,4	4	2,3,4
ICP Vortex	GDT8623RZ		PCI	64bit / 66MHz	2,3,4	1,3,4	2,3,4	4	2,3,4
LSI Logic	MegaRaid 475		PCI	32bit / 33MHz	1	1	NT	NT	NT

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
3Ware	Escalade 7500-8		PCI	64bit / 33MHz	1	1	NT	ND	NT
Adaptec	ASR-2200S		PCI	64bit / 66MHz	2,3,4	3,4	2,3,4	4	2,3,4
AMI	4932010232A Enterprise 1600		PCI	64bit / 66MHz	2,3,4	3,4	2,3,4	4	2,4
3Ware	8500-4		PCI	64bit / 33MHz	2,3,4	3,4	2,3,4	ND	2,3,4
Promise	FastTrak S150 TX4		PCI	32 bit/ 66MHZ	2,3,4	3,4	2,3,4	4	2,3,4
LSI Logic	MegaRAID SCSI 320-2x		PCI	32bit / 33MHz	4	4	NT	4	4
Intel	SRCU42X		PCI	64bit / 66MHz	4	4	NT	4	4

4.4   PCI SCSI

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
Adaptec	ASC-39320		PCI	PCI-X 133	1,2,3,4	1,3,4	2,3,4	4	2,3,4
Adaptec	ASC-29160N		PCI	32bit / 33MHz	1,2,4	1,4	2,4	4	2,4
Adaptec	ASC-39160		PCI	64bit / 66MHz	1,2,3,4	1,3,4	2,3,4	4	2,3,4
LSI Logic	SYM22902		PCI	64bit / 66MHz	1	1	NT	NT	NT
LSI Logic	SYM22903		PCI	64bit / 66MHz	1	1	NT	NT	NT
LSI Logic	LSI20160L		PCI	32bit / 33MHz	1,2,3,4	1,3,4	2,3,4	4	2,3,4
LSI Logic	LSI22320-R		PCI	PCI-X 133	1,2,3,4	1,3,4	2,3,4	4	2,3,4
LSI Logic	LSI20320-R		PCI	PCI-X 133	1	1	NT	NT	NT
Intel	53C1000B1		PCI	64bit / 66MHz	1	1	NT	NT	NT
Adaptec	ASC 29160		PCI	64bit / 66MHz	2,3	3	2,3	NT	3
Adaptec	ASC 29160LP		PCI	64bit / 66MHz	2,3,4	3,4	2,3,4	4	3,4
Adaptec	ASC29320LP-R		PCI	PCI-X 133	4	4	4	4	4

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
4.5	**PCI Fiber Channel**								
QLogic	QLA2310		PCI	PCI-X 66	1	1	NT	NT	NT
QLogic	QLA2200/66		PCI	64bit / 66MHz	1,2,4	1,4	2,4	4	2,4
QLogic	QLA2340		PCI	PCI-X 133	1	1	NT	NT	NT
QLogic	QLA2342		PCI	PCI-X 133	4	4	NT	4	4
Emulex	LP9002LP-F2		PCI	PCI-X 66	1,2,4	1,4	2	[4]	2,4
Emulex	LP9402DC-F2		PCI	PCI-X 133	1,2,4	1,4	2	[4]	2,4
4.6	**PCI NIC**								
Intel	Pro/100+ S	PILA8470D3G1P20	PCI	32bit / 33MHz	1,2,3,4	1,3,4	2,3,4	4	2,3,4
Intel	Pro/100+ Dual Port	PILA8472C3PAK5	PCI	64bit / 66MHz	1,2,3,4	1,3,4	2,3,4	4	2,3,4
Intel	Pro/1000 XT Gigabit Server Adapter	PILA8490XTL20	PCI	PCI-X 133	1	1	NT	NT	NT
Intel	Pro/1000 XT Gigabit Server Adapter	PILA8490XTP20	PCI	PCI-X 133	1,2,3,4	1,3,4	2,3,4	4	2,3,4
Intel	Pro/1000 F	PWLA8490SX	PCI	64bit / 66MHz	1	1	NT	NT	NT
Intel	Pro/1000 T	PWLA8490T	PCI	64bit / 66MHz	1	1	NT	NT	NT
Intel	Pro/1000 XF Gigabit Server Adapter	PWLA8490XF	PCI	PCI-X 133	1	1	NT	NT	NT
Intel	Pro/1000MF Dual Port Gigabit Server Adapter	PWLA8492MF	PCI	PCI-X 133	1,2	1	2	NT	2
Intel	Pro/1000MF Gigabit Server Adapter	PWLA8490MF	PCI	PCI-X 133	1	1	NT	NT	NT

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
Intel	Pro/1000MT Dual Port Gigabit Server Adapter	PWLA8492MT	PCI	PCI-X 133	1,2,3,4	1,3,4	2,3,4	4	2,3,4
Intel	Pro/1000 MT Gigabit Server Adapter	PWLA8490MT	PCI	PCI-X 133	1,2,3,4	1,3,4	2,3,4	4	2,3,4
3COM	Etherlink 10/100 PCI	3C905C-TX-M	PCI	32bit / 33MHz	1,2,3,4	1,3,4	2,3,4	4	2,3,4
3COM	EtherLink Server 10/100 Server Managed	3C980C-TXM	PCI	32bit / 33MHz	1,2,3, 4	1,3, 4	2,3,4	4	2,3, 4
3COM	10/100/1000 PCI-X Server Network Interface Card	3C996B-T	PCI	PCI-X 133	1,2,3,4	1,3,4	2,3,4	4	2,3,4
DLink	DFE-530/TX+	DFE-530/TX+	PCI	32bit / 33MHz	1,2,3, 4	1,3, 4	2,3, 4	4	2,3,4

4.7   Modems

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
3COM	V.Everything 56K Corporate Modem	3CP3453	RS-232 (External)		1,2	1	2	NT	2,4
3COM	56K V.92 Performance Pro	USR5610B	PCI 32/33 (Universal)		1,2,4	1,4	2	NT	2,4

4.8   USB/PS2 Devices

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
IOMega	CDRW 24x10x40		USB 2.0		1,2	1,2	NT	NT	2
IOMega	ZIP 250MB USB		USB		1,2	1,2	NT	NT	2
LG	U2-12x	GCE-8420B	USB 2.0		1,2,3	1,2,3	2,3,4	NT	2,3,4
Plextor	PlexWriter 40x12x40U	CDRW 40x12x40U	USB 2.0		1,2,3	1,2,3	2,3,4	NT	2,3,4
Addonics	Combo HardDrive Kit	AEMED35AUM	USB	External USB – ATA HDD enclosure	1,2,3	1,2,3	2,3,4	NT	2,3

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
Maxtor	3000LE	USB2040QLE001	USB 2.0	60GB USB 2.0/1.1 HDD	1,2,3,4	1,2,3,4	2,3,4	NT	2,3,4
Keytronic		E06101USB-C	USB	Keyboard w/ 2 port USB hub	1,2,3	1,2,3	2,3,4	NT	2,3,4
Microsoft	IntelliMouse Optical	InteilliMouse Optical	USB / PS2		1,3	1,3	3,4	NT	3,4
M-systems	Disk OnKey 128MB	82-SU-128D15	USB 2.0	USB 128MB flash drive	1,3	1,3	3,4	NT	3,4
Sony	Viao External USB Floppy	PCGA-UFD5	USB	3.5" floppy	1,3	1,3	3,4	NT	3,4
Teac	CDWF540/Kit	CDWF540/Kit	USB 2.0	External 40x12x48 USB 2.0/1.1 CD Writer	1,2,3	1,2,3	2,3,4	NT	2,3,4
Teac	FDO5PUB	FDO5PUB	USB	3.5" floppy	1,2,3	1,2,3	2,3,4	NT	2,3,4
Keytronic	ProPilot	ProPilot	PS2		1,2,3	1,2,3	2,3,4	NT	2,3,4
Logitec	Miniwheel Mouse		USB / PS2		1	1	NT	NT	NT
Microsoft	Internet Keyboard Pro	200516	USB / PS2		1,2	1,2	2	NT	2
Teac		CD210PU/Kit	USB	10x USB CD	1,2	1,2	NT	NT	2
RAINBOW	Sentinel Duo	Sentinel Duo Hardware key	USB	External	3	3	NT	NT	3,4
Logitech	Optical Mouse	Optical Mouse	USB and PS/2	External	3	3	3,4	NT	3,4
Logitech	Internet Navigator	Internet Navigator	USB and PS/2	External	3	3	3,4	NT	3,4

4.9   CDROM Drives

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
Mitsumi		CRMC-FX5401W	ATA33	54x IDE internal	1,2,3	1,2,3	2,3,4	4	2,3,4
Plextor		PX-40TSUW	SCSI UW	40x UW SCSI CD	1,2	1,2	NT	NT	2
Samsung		SC-152	ATA33	52x UDMA	1,2,3	1,2,3	2,3,4	NT	2,3,4

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
Teac		CD-540E	ATA	40x	1,2	1,2	NT	NT	2
Teac		CD-552-E	ATA	52x DMA mode2	3	3	2,3,4	4	3,4

4.10 DVD Drives

Manufacturer	Model Name	Model Number	Interface	Comments					
HP	DVD Writer 200i	DVD200i	ATA33	12x10x32x2.4 DVD+RW	1,2	1,2	NT	NT	2
Pioneer	DVD-305S	DVD-305S	SCSI-N	6x/32x	1,2,3	1,2,3	1,2,3,4	NT	1,2,3,4
Samsung	SD-616	SD-616	ATA33	16x/48x	1	1	1,4	NT	1
Toshiba	SD-M1401	SD-M1401	SCSI-N	10x/40x	1,2,3	1,2,3	1,3,4	NT	1,3,4
Toshiba	SD-M1612	SD-M1612	ATA33	16x/48x	1,2,3	1,2,3	2,3,4	NT	2,3,4

4.11 Tape Drives

Manufacturer	Model Name	Model Number	Interface	Comments					
Quantum	Super DLT, SDLT320	TRS23BA-YF	SCSI-U2	160/320GB DLT, Full Height, 8.37" length	1,2,3	1,2,3	2,3,4	NT	2,3,4
Seagate	Scorpion 40 DDS4 DAT	STD2401LW-S	SCSI-U2	20/40GB, DAT DDS4, 5.25" Half Height	1,2,3	1,2,3	2,3,4	NT	2,3,4
Sony	AIT-3 Desktop	SDX-S500C/BM	SCSI-U2	External – 50GB AIT2	1,2,3	1,2,3	1,3,4	NT	2,3,4
Sony	AIT-2 Desktop	SDX-S500C/BM	SCSI-U2	Internal model # SDX-500C	2,3	2,3	2,3,4	NT	2,3,4

4.12 Removable Drives

Manufacturer	Model Name	Model Number	Interface	Comments					
IOMega	Zip 250	Zip-IDE250	ATA	Internal ATA Zip 250	1,2	1,2	NT	NT	2

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
Teac	Floppy	FD-235HF	Floppy	3.5" floppy	1,3	1,3	1,3,4	NT	1,3,4
IOMega	Zip USB	ZIP 250MB USB	USB	External	2	2	NT	NT	2
IOMega	Zip 750 MB USB 2.0	32324	USB 2.0	EXTERNAL	2,3	2,3	2,3,4	NT	2,3,4
IOMega	Zip-IDE750	32328	ATA	3.5x1	2	2	2	NT	2
FUJITSU	MCJ3230AP	MCJ3230AP	ATA		3	3	3,4	NT	3,4
FUJITSU	MCJ3230SS	MCJ3230SS	SCSI-N	3.5x1	3	3	3,4	NT	3,4
TEAC	FD-235HF	FD-235HF	Floppy	3.5X1	3	3	3,4	NT	3,4
IOMEGA	SIP 250MB USB	32328	USB	EXTERNAL	3	3	3	NT	3

4.13 KVM

Manufacturer	Model Name	Model Number	Interface	Comments	Microsoft Windows* 2000 Advanced Server, SP2	Windows XP Professional, SP1	Red Hat Linux* 9.0	Novell NetWare* 6.5	Microsoft Windows* 2003 Server
Avocent	1160ES		PS/2	16 port kbd/mse/video	1,2,3,4	1,2,3,4	2,3,4	NT	2,3,4
Belkin	OmniView Pro	F1D108-OSD	PS/2	8 port kbd/mse/video with 25' cable	1,2,3,4	1,2,3,4	2,3,4	NT	2,3,4

5.   Hard Disk Drives

The hard drives listed in the following table have been tested with the Intel® server board
SE7505VB2 by Intel in its validation labs and/or by individual drive vendors. The following
operating system identifiers are used in the table to specify which OS each drive was tested
under.

Identifier number	Operating System
0	Microsoft Windows Server 2003 Enterprise Edition
1	Microsoft Windows* 2000 Advanced Server
2	Microsoft Windows XP* Professional
3	Red Hat Linux* 8.0
4	Novell NetWare* 6.0
5	Caldera OpenUnix* 8.0

Note that not all hard drives were tested under all operating systems. The following notation is
used in the tested hard drives table below to indicate the support level that Intel provides for a
particular hard drive with a particular operating system:

Number (i.e. 1)	This hard drive has been tested and is supported under the operating system identified by the operating system identification number.
Number in brackets (i.e. [1])	This hard drive has been tested, but is NOT supported under the operating system identified by the operating system identification number.
SD (Similar Drive)	The hard disk drive is supported, but not tested. This hard drive model/capacity has not been tested with this server board, but Intel will support it based on successful testing of a larger capacity hard drive from the same hard drive family. Intel has high confidence that this hard drive will function correctly with the server board. This drive uses the exact same firmware and drivers as a larger capacity hard drive that has been successfully tested with this server board. The only difference between this drive and the one that was used in testing is the storage capacity. Intel provides the same level of support for all hard drives listed in this document, regardless of whether the drive was tested or not. Customers should always test hard drives as part of the final system configuration prior to deployment. Given the fact that a larger capacity hard drive from the same drive family has successfully completed testing on this server board, this particular hard drive capacity point will not be tested.
IHVT (IHV Tested)	The hard disk drive was tested according to Intel-approved guidelines and test procedures by the Independent Hardware Vendor (IHV) that manufactured the drive. Intel provides the same level of support for all hard drives listed in this document, regardless of whether the drive was tested in an Intel lab or not. IHV test reports remain the property of the IHV (Intel cannot provide copies of these reports).

Manufacturer	Product Family	Model Number	Interface	RPM	Drive size (GB)	Tested Operating Systems	Comments
Fujitsu*	MAM	MAM3367MC	U160/SCA	15,000	36	1,2,3,4,5	
Fujitsu	MAM	MAM3184MC	U160/SCA	15,000	18	SD	
Fujitsu	MAN	MAN3367MC	U160/SCA	10,000	36	1,2,3,4,5	
Fujitsu	MAN	MAN3184MC	U160/SCA	10,000	36	SD	
Fujitsu	MAS	MAS3735NC	U320/SCA	15,000	73	3,5	
Fujitsu	MAS	MAS3367NC	U320/SCA	15,000	36	SD	
Fujitsu	MAS	MAS3184NC	U320/SCA	15,000	18	SD	
Fujitsu	AL-9LE	MAT3300NC	U320/SCA	10,000	300	0,1,2,3,4,5	
Fujitsu	AL-9LE	MAT3147NC	U320/SCA	10,000	147	SD	
Fujitsu	AL-9LE	MAT3735NC	U320/SCA	10,000	73	SD	
Fujitsu	AL-9LX	MAU3147NC	U320/SCA	15,000	147	0,1,2,3,4,5	
Fujitsu	AL-9LX	MAU3073NC	U320/SCA	15,000	73	SD	
Fujitsu	AL-9LX	MAU3036NC	U320/SCA	15,000	36	SD	
Hitachi*	DK32EJ	DK32EJ-14	U320/SCA	10,000	147	3,5	
Hitachi	DK32EJ	DK32EJ-72	U320/SCA	10,000	73	SD	
Hitachi	DK32EJ	DK32EJ-36	U320/SCA	10,000	36	SD	
Hitachi	UltraStar 146Z10	IC35L146UCDY10	U160/SCA	10,000	146	1,2,3,4,5	
Hitachi	UltraStar 146Z10	IC35L073UCDY10	U160/SCA	10,000	73	SD	
Hitachi	UltraStar 146Z10	IC35L036UCDY10-0	U160/SCA	10,000	36	SD	
Hitachi	UltraStar 146Z10	IC35L018UCDY10-0	U160/SCA	10,000	18	SD	
Hitachi	UltraStar 36Z15	IC35LO36UCPR15	U160/SCSI	15,000	36	1,2,3,5	
Hitachi	UltraStar 36Z15	IC35LO18UCPR15	U160/SCSI	15,000	18	SD	
Hitachi	Deskstar 180GXP	IC35L180AVV207	ATA/100	7,200	180	1,2,4	
Hitachi	Deskstar 180GXP	IC35L120AVV207	ATA/100	7,200	120	SD	
Hitachi	Deskstar 180GXP	IC35L090AVV207	ATA/100	7,200	80	SD	

Manufacturer	Product Family	Model Number	Interface	RPM	Drive size (GB)	Tested Operating Systems	Comments
Hitachi	Deskstar 180GXP	IC35L060AVV207	ATA/100	7,200	60	SD	
Hitachi	Deskstar 180GXP	IC35L030AVV207	ATA/100	7,200	30	SD	
Maxtor*	DiamondMax 16	4A250J0	ATA/133	5,400	250	1,2,3,4,5 (See IG #6.1)	
Maxtor	DiamondMax 16	4A160J0	ATA/133	5,400	160	SD	
Maxtor	DiamondMax 16	4A120J0	ATA/133	5,400	120	SD	
Maxtor	DiamondMax 16	4A080J0	ATA/133	5,400	80	SD	
Maxtor	DiamondMax 16	4A060J0	ATA/133	5,400	60	SD	
Maxtor	DiamondMax Plus 9	6Y250L0	ATA/133	7,200	250	1,2,3,5 (See IG #6.1)	
Maxtor	Diamond Max Plus 9	6Y160L0	ATA/133	7,200	160	4 (See IG #6.1)	
Maxtor	Diamond Max Plus 9	6Y120L0	ATA/133	7,200	120	SD	
Maxtor	Diamond Max Plus 9	6Y080L0	ATA/133	7,200	80	SD	
Maxtor	Diamond Max Plus 9	6Y060L0	ATA/133	7,200	60	SD	
Maxtor	Atlas 10K III	KU073J8	U320/SCA	10,000	73	1,2,3,4,5	
Maxtor	Atlas 10K III	KU036J8	U320/SCA	10,000	36	SD	
Maxtor	Atlas 10K III	KW018J2	U160/SCA	10,000	18	1,2,3,4,5	
Maxtor	Atlas 10K IV	8B146J0	U320/SCA	10,000	146	1,2,3,4,5	
Maxtor	Atlas 10K IV	8B074J0	U320/SCA	10,000	73	SD, IHVT	
Maxtor	Atlas 10K IV	8B036J0	U320/SCA	10,000	36	SD, IHVT	
Maxtor	Atlas 15K	8C073J0	U320/SCA	15,000	73	1,2,3,4,5	
Maxtor	Atlas 15K	8C036J0	U320/SCA	15,000	36	SD, IHVT	
Maxtor	Atlas 15K	8C018J0	U320/SCA	15,000	18	SD, IHVT	
Maxtor	Atlas 15K II	8E147J0080311	U320/SCA	15,000	147	1,2,3,4,5, IHVT	
Maxtor	Atlas 15K II	8E073J0040111	U320/SCA	15,000	73	SD, IHVT	

Manufacturer	Product Family	Model Number	Interface	RPM	Drive size (GB)	Tested Operating Systems	Comments
Maxtor	Atlas 15K II	8E036J0020111	U320/SCA	15,000	36	SD, IHVT	
Maxtor	DiamondMax Plus D740X	6L080J4	ATA/133	7,200	80	1,2,3,4,5 (See IG #6.1)	
Maxtor	DiamondMax Plus D740X	6L060J3	ATA/133	7,200	60	SD	
Maxtor	DiamondMax Plus D740X	6L040J2	ATA/133	7,200	40	SD	
Maxtor	DiamondMax Plus D740X	6L020J1	ATA/133	7,200	20	SD	
Maxtor	DiamondMax Plus 9	6Y120MO	SATA/150	7,200	120	1,2,3,4,5	
Maxtor	DiamondMax Plus 9	6Y080MO	SATA/150	7,200	80	SD	
Maxtor	DiamondMax Plus 9	6Y060MO	SATA/150	7,200	60	1,2,3	
Samsung*	SpinPoint 40	SP8004H	ATA/100	7,200	80	1,2,3,4,5	
Seagate*	Cheetah 10K.6	ST3146807LC	U320/SCA	10,000	146	1,2,3,4,5	
Seagate	Cheetah 10K.6	ST373307LC	U320/SCA	10,000	73	SD	
Seagate	Cheetah 10K.6	ST336607LC	U320/SCA	10,000	36	SD	
Seagate	Cheetah X15 – 36LP	ST336732LC	U320/SCA	15,000	36	1,2,3,4,5	
Seagate	Barracuda ATA IV	ST380021A	ATA/100	7,200	80	1,2,3,4,5	
Seagate	Barracuda ATA IV	ST360021A	ATA/100	7,200	60	SD	
Seagate	Barracuda ATA IV	ST340016A	ATA/100	7,200	40	SD	
Seagate	Barracuda ATA IV	ST320011A	ATA/100	7,200	20	SD	
Seagate	Barracuda ATA V	ST3120023A	ATA/100	7,200	120	3,4,5	
Seagate	Barracuda ATA V	ST380023A	ATA/100	7,200	80	SD	
Seagate	Barracuda ATA V	ST360015A	ATA/100	7,200	60	SD	
Seagate	Barracuda ATA V	ST340017A	ATA/100	7,200	40	SD	
Seagate	Barracuda Serial ATA V	ST360015AS	SATA/150	7,200	60	1,2,3	

Manufacturer	Product Family	Model Number	Interface	RPM	Drive size (GB)	Tested Operating Systems	Comments
Western Digital*	Caviar	WD800BB	ATA/100	7,200	80	1,2,3,4,5	
Western Digital	Caviar	WD600BB	ATA/100	7,200	60	SD	
Western Digital	Caviar	WD400BB	ATA/100	7,200	40	SD	
Western Digital	Caviar	W200BB	ATA/100	7,200	20	SD	
Western Digital	Caviar Special Edition	WD2000JB	ATA/100	7,200	200	3,4,5	8MB Cache
Western Digital	Caviar Special Edition	WD1800JB	ATA/100	7,200	180	SD	8MB Cache
Western Digital	Caviar Special Edition	WD1600JB	ATA/100	7,200	160	SD	8MB Cache
Western Digital	Caviar Special Edition	WD1200JB	ATA/100	7,200	120	SD	8MB Cache

6.   Install Guides

6.1   Installation notes for SCO OpenServer and SCO UnixWare

6.1.1   Common to all SCO OS platforms

Using Intel SATA-RAID controller SRCS14L, "iir" driver. The two SATA drives were configured
as RAID 0 (concatenation) since they were different sizes and mirroring didn't make sense.

6.1.1.1   OpenServer 5.0.7

1. Media: - SCO OpenServer 5.0.7 media kit. - Supplement 3 CD for SCO OpenServer 5.0.7 -
available from: http://www.sco.com/support/update/download/osr507list.html

2. Make "iir" (Intel SATA-RAID controller SRCS14L driver) btld floppy using the instructions on
the Supplement 3 CD in the /images   directory. The "iir" btld image is also be available from
the download site listed above as a separate btld floppy image.

3. Start installation of OSR5.0.7 normally (insert OS Installation CD and reboot).

4. When "boot:" prompt appears, type "link" and press the "Enter" keny.   You will immediately
be asked what module to link in, respond "iir" to that.

5. The install will continue and ask you enter the media containing the "iir" module, and then to
press "enter". At that point you can put the iir btld floppy in the floppy drive, and type "enter"
after you've done that.

6. Install will proceed as normal.

7. At the prompt for a license, supply your license information. Remember that you need a
license with SCO Update Service enabled to get hyper threading support (SCO Update Service
is a for-cost product that provides advanced access to new features). You can add a SCO
Update Service Enabler license later, but the easiest time is now, at ISL time.

8. During the installation you can configure one of the PRO/100 or PRO/1000 NIC's. Both
cannot be configured during ISL.

9. When the OSR5.0.7 installation completes, the next step is to install the Symmetric
Multiprocessing Product. This is also on the OS Installation CD. You will need an SMP license,
but this can be deferred at this time and added later. SMP will not work until it is licensed.

10. After the SMP install and reboot completes, Maintenance Pack 3 for OSR5.0.7 should be
installed. This can be done from the   Supplement 3 CD for OSR5.0.7 mentioned
above, or this can be downloaded from:
http://www.sco.com/support/update/download/osr507list.html as mentioned above.

11. Reboot after installing Maintenance Pack 3.

12. Install the "SCO Openserver 5.0.7 Graphic and NIC Drivers" from the Supplement 3 CD.
This will give you the latest PRO/100 and PRO/1000 drivers. This installation will also ask you

to reboot. After rebooting, whatever NIC(s) you have configured should be using the new NIC drivers.

13. If you have the SCO Update Service, you may now install Update Pack 3 for OSR5.0.7. This may also be installed from the   Supplement 3 CD, or downloaded from the web site mentioned above. Note that the certification for this server was not done with   hyper threading, since this is an extra cost item for customers.

14. After rebooting, you are done with the main installation.

6.1.1.2   OpenServer 5.0.6a

1. Media: SCO OpenServer 5.0.6 media kit. Supplement 3 CD for OSR5.0.7 (for the NIC and
    wd btld drivers)   http://www.sco.com/support/update/download/osr507list.html
    Wd Driver Supplement ftp://ftp.sco.com/pub/openserver5/drivers/OSR506/btld/wdsupp
    Release Supplement rs506a: ftp://ftp.sco.com/pub/openserver5/rs506a/Oss648a (or latest
    version of oss648) ftp://ftp.sco.com/pub/openserver5/

2. Make the "iir" btld floppy from the Supplement 3 CD for OSR5.0.7, as mentioned above for OSR5.0.7 installation.

3. Start installing via the normal OSR5.0.6 path, putting the OS Installation CD into the CD drive and rebooting.

4. At the "boot:" prompt, type "link" and press the "Enter" key. You will immediately be asked what software module you want to   link in. Respond "iir".

5. The installation will continue until it asks you to put the media that contains the "iir" module in the floppy drive and press "Enter" when the floppy is ready.

6. Installation will proceed as normal.

7. As there is no hyper threading support in OSR5.0.6a, simply enter your license data when asked.

8. You can configure the PRO/100 NIC, but the PRO/1000 NIC will not be detected at this point. You will add a driver for it later.

9. When the OSR5.0.6 installation completes, the next step is to install the Symmetric Multiprocessing Product. This is also on the   OS Installation CD. You will need an SMP license, but this can be deferred at this time and added later. SMP will not work until   it is licensed. It is important to install this before the next step, since rs506a has fixes in it for the SMP component.

10. When the SMP installation finishes, install Release Supplement rs506a. This will require you to update the SCO admin software   manager first, then bring up the software manager again for the actual rs506a installation. Reboot.

11. Install the "SCO OpenServer 5.0.7 Graphic and NIC Drivers" from the Supplement 3 CD for OpenServer 5.0.7. These are the latest PRO/100 and PRO/1000 drivers, and work just as well on OSR5.0.6a. After rebooting, the PRO/100 NIC should still be configured, and you can then configure your PRO/1000 NIC.

12. Install the OSR5.0.6a patch, oss648a (or the latest version available at: ftp://ftp.sco.com/pub/openserver5/).   Follow the   instructions that come with the patch README.txt file.

13. After rebooting, install the Wd Driver Supplement for OSR5.0.6, following the instructions in the Wd Supplement README.txt file.

6.1.1.3   UnixWare 7.1.4

1. Media: UnixWare 7 Release 7.1.4 media kit.

2. Do normal UW7 install, remembering to pick the "OSMP" package along the way.

3. After finishing the ISL installation, put: ENABLE_JT=Y in the file /stand/boot and reboot. You will now see 4 logical   processors running ("psrinfo" command).

4. Install latest Maintenance Pack for UW7.1.4. This may be downloaded from: http://www.sco.com/support/update/download/uw714list.html If the latest Maintenance Pack is only available as an ISO image,   download that and write it to a CD-ROM. Then mount the CD-ROM and read the installation instructions found at the top level of the   CD-ROM filesystem hierarchy. There should be a shell script to run to install the contents of the CD-ROM, with a name like   "install.sh". There may be more there than just the Maintenance Pack, that's fine, just follow the instalation instructions and   install all the recommended packages using the installation script as recommended.

5. Reboot after installing the latest Maintenance Pack and the installation is done.

6.1.1.4   UnixWare 7.1.3

1. Media: - UnixWare 7 Release 7.1.3 media kit. - Latest Maintenance Pack (currently MP4). If this is not in your UW7.1.3 media kit, it may be downloaded from: http://www.sco.com/support/update/download/uw713list.html   - "iir" and "ide" driver IHV HBA floppy images and README.txt files: http://www.sco.com/support/update/download/uw713list.html

2. Make the "iir" driver IHV HBA floppy from the image mentioned above, following the instructions in the README.txt file that goes with it.

3. Remember to pick the OSMP package during the install.

4. When you see the question about installing an IHV HBA diskette, follow that path and install the "iir" driver IHB HBA diskette.

5. You can configure one of the PRO/100 or PRO/1000 NICs during ISL.

6. When installation is done, put: ENABLE_JT=Y in the file /stand/boot and reboot. You will now see 2 logical   processors running ("psrinfo" command).

*7. Install the latest Maintenance Pack (currently MP4) from the Maintenance Pack CD in the media kit, or download as mentioned   above. Reboot.

*8. Install nics and nd packages from the Maintenance Pack CD in the media kit, or download from the same site mentioned above if you needed to download the latest Maintenance Pack. Reboot.

9. Make the "ide" driver IHV HBA floppy from the floppy image mentioned above. Install this according to the instructions in the README.txt file that was downloaded with the image.

10. You are now done.

Notes: Instructions that have an "*" before them may also be accomplished by configuring the PRO/100 NIC, and using the SCO download site to get the latest Maintenance Pack for UnixWare 7, and the latest nics and nd packages. This is recommended for certification/testing work, since you should get the latest software that way:
http://www.sco.com/support/update/download/uw713list.html

6.2   Supported ATA transfer speeds

The Intel® Server Board SE7505VB2 supports a maximum IDE transfer speed of 100 MHz. If an ATA/133 (133 MHz) hard drive is installed, the clock speed for the hard drive will only be 100 MHz. For more information refer to the Technical Product Specification.
http://support.intel.com/support/motherboards/server/se7505vb2/tps.htm