



## Server WHQL Testing Services

### Enterprise Platforms and Services Division

# Intel® Server S3200SHV

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## Server Test Submission (STS) Report

### For the Microsoft® Windows® Logo Program (WLP)

Rev 1.0

**October 16, 2006**

This report describes the Intel® S3200SHV Server Platform Windows\* Logo Program test run conducted by Intel Enterprise Platforms and Services Division (EPSD).

#### **Purpose of this WLP Submission:**

It's the first time submission for the Microsoft\* Designed for Windows Logo submission for the Intel® Server Board S3200SHV.

Submission Type:	Reason for test run	Check one
First Time Submission	Initial Microsoft Designed for Windows logo submission. New product submission.	<input checked="" type="checkbox"/>
System Update	Hardware update. (For example, update submission test run with new processor speeds.)	<input type="checkbox"/>
BIOS Update	BIOS and/or Firmware update. (For example, update submission test run with new BIOS to support additional processor speeds.)	<input type="checkbox"/>
OS Update	OS update. (For example, update submission test run to add Microsoft Designed for Windows Server 2003 logo to product.)	<input type="checkbox"/>

## Revision History and Disclaimers

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Revision History		
Revision	Date	Comments
1.0	11/16/2007	Internal draft of the STS Report for Windows Server 2003 Submission for Intel® Server Board S3200SHV include both 32 and 64 bits versions done with Quad-Core Kentsfield processor.

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# Introduction

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This report provides an overview of the testing conducted on the Intel® Server Board S3200SHV with RAID enabled by Intel EPSD and provides details about this testing run.

## Overview of Contents

Section	Content
Introduction	Brief descriptions of the sections in the report. Table listing terms and definitions.
Server Product Submission Information	Submission information, ID # and final server board configuration upon completion of WLP including HW, Driver version, BIOS version, and Board AA number
DTM	All DTM's used during testing
Errata and Contingencies	All Microsoft* errata or contingencies used during testing

## Terms and Definitions

Term	Definitions
EPSD	Enterprise Platforms and Services Division
HCL	Windows Hardware Compatibility List. You can view the HCL at: <a href="http://www.microsoft.com/whdc/hcl/search.mspx">http://www.microsoft.com/whdc/hcl/search.mspx</a>
DTM	Driver Test Manager. For latest Server HCTs visit: <a href="http://www.microsoft.com/whdc/winlogo/wlk/default.mspx">http://www.microsoft.com/whdc/winlogo/wlk/default.mspx</a>
STS	Server Test Submission Report published by EPSD
WHDC	Windows* Hardware and Driver Central. Provides technical information, development and testing kits, newsletters and support information. <a href="http://www.microsoft.com/whdc/default.mspx">http://www.microsoft.com/whdc/default.mspx</a>
WHOS	Windows Hardware Online Service – Secure online web site used to submit products for logo qualification and review submission history. <a href="https://winqual.microsoft.com/">https://winqual.microsoft.com/</a>
WHQL	Windows* Hardware Qualification Lab. For more information visit the WHDC home page at: <a href="http://www.microsoft.com/whdc/default.mspx">http://www.microsoft.com/whdc/default.mspx</a>
WLP	Windows Logo Program. For further information see: <a href="http://www.microsoft.com/whdc/winlogo/default.mspx">http://www.microsoft.com/whdc/winlogo/default.mspx</a>
WTS	Workstation Test Submission Report published by EPSD

# Server Board Submission Information

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## Intel Server Board Submission Report: Completion of WLP

Data in this section reflects system submission information at the time of WLP Update submission.

### Submission Information

Submission ID		
Submission ID / Master ID	1270922	
Submission Type		
	Check Submission Type	Comments
First-Time Hardware and Driver Test Submission	<input checked="" type="checkbox"/>	
System Update Test Submission	<input type="checkbox"/>	
Product Category		
Hardware Category	PC System or Server	
Operating System family	Windows Server 2003 (32 & 64 Bit)	
Product Detail		
General Product Information		
Equipment Type	Server	
Primary Target Market	Business/Corporate	
Compliance	All applicable requirements	
Characterization (optional)		
	Check appropriate options	Comments
Web Server	<input checked="" type="checkbox"/>	
SQL Database Server	<input checked="" type="checkbox"/>	
File Server	<input checked="" type="checkbox"/>	

## Server Board Configuration Information

Processor	
Quantity	1 (physical processor with support for either single, dual or Quad cores)
Front Side Bus Speed	1333 MHz
Family/Model	Intel Core 2 Extreme QX6850
Speed	3.0GHz
System Memory	
Amount Installed	8 GB
Memory Type	DDR-2 667/800MHz (4 DIMMs) ECC Unbuffered memory
Power Management	
ACPI Sleep States	S0, S1, S4, S5
Server Board Product	
System uses logo'd motherboard	NO (Server boards are <u>NOT</u> eligible for logo under the Microsoft* Motherboard logo program)
Board AA #/Fab	D86141-202
Board Manufacturer	Intel Corporation
Board Model	Intel® Server Board S3200SHV
Northbridge* Chipset Manufacturer	Intel Corporation
Northbridge Chipset Model	Intel S3210 Chipset
Southbridge* Chipset Manufacturer	Intel Corporation
Southbridge Chipset Model	Intel ICH9R
BIOS	
BIOS Manufacturer	Intel Corporation
BIOS Version	S3200X38.86B.00.00.0030
BIOS Date	10/12/2007
BIOS URL (For Updates)	<a href="http://support.intel.com/">http://support.intel.com/</a>

Bus Types			
	Check all that Apply		Check all that Apply
PS/2	<input checked="" type="checkbox"/>	AGP*	<input type="checkbox"/>
1394	<input type="checkbox"/>	PCCard* (16-bit)	<input type="checkbox"/>
CF (Compact Flash)	<input type="checkbox"/>	CardBus* (32-bit)	<input type="checkbox"/>
PCI	<input checked="" type="checkbox"/>	USB	<input checked="" type="checkbox"/>
Mini-PCI	<input type="checkbox"/>	USB 2.0	<input checked="" type="checkbox"/>
AMR	<input type="checkbox"/>	InfiniBand*	<input type="checkbox"/>
ACR	<input type="checkbox"/>	Bluetooth*	<input type="checkbox"/>
COM (Serial)	<input checked="" type="checkbox"/>	PCI Express	<input checked="" type="checkbox"/>
Integrated Components			
	Check all that Apply		Check all that Apply
Audio	<input type="checkbox"/>	Display	<input checked="" type="checkbox"/>
IDE	<input type="checkbox"/>	Networking	<input checked="" type="checkbox"/>
SCSI	<input type="checkbox"/>	RAID	<input checked="" type="checkbox"/>
Modem	<input type="checkbox"/>	Bluetooth*	<input type="checkbox"/>

## Onboard Integrated Devices and Drivers

Data in this section reflects system configuration at the time of WLP submission. The latest drivers for the Intel® Server Board S3200SHV are available for download at:

<http://downloadcenter.intel.com/>

Technology	OS	Version
<b>LAN1</b> 82541 PCI Express 1000	Windows Server 2003 64	8.9.1.0
	Windows Server 2003 64 Bit	8.9.1.0
<b>Display</b> Server Engine iBMC video	Windows Server 2003	V5.95.006.9
	Windows Server 2003 64 Bit	V5.95.006.9
<b>Serial RAID ATA (ICH9-R)</b> Integrated 4-port SATA with support for RAID 0,1, 5 and 10	Windows Server 2003	V7.5.0.1007
	Windows Server 2003 64 Bit	V7.5.0.1007
<b>Intel S3200/S3210 ICH9R Chipset</b>	Windows Server 2003	V8.3.1.1009
	Windows Server 2003 64 Bit	V8.3.1.1009

**Product Data for HCL: Completion of WLP**

Data in this section reflects product data for HCL at time of WLP submission.

<b>Product Data</b>		
Product Name	Intel® Server Board S3200SHV	
Additional Product Names		
<b>Supported Platforms</b>		
	<b>Check Tested</b>	<b>Comments</b>
Windows Server 2003, Web Edition	<input checked="" type="checkbox"/>	
Windows Server 2003, Standard Edition	<input checked="" type="checkbox"/>	
Windows Server 2003, Enterprise Edition	<input checked="" type="checkbox"/>	
Windows Server 2003, Standard Edition 64 Bit	<input checked="" type="checkbox"/>	
Windows Server 2003, Enterprise Edition 64 Bit	<input checked="" type="checkbox"/>	



## Hardware Compatibility Tests Used

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Microsoft\* Windows Hardware Driver Central Server Testing Home Page:

<http://www.microsoft.com/whdc/hwtest/system/default.mspx>.

Please check this website regularly for test kit updates.

Operating Systems	Notes	Driver test manager (DTM)
Windows Server 2003	DTM 1.0_C Test Procedures and Readme files for Windows XP SP2 and Windows Server 2003	DTM 1.0_C (Windows XP SP2 and Windows Server 2003) Test Kit

# Errata and Contingencies

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N/A

## Submission Readme File

Effective May 1, 2007, the new Microsoft standardized Readme form will be required for all hardware submissions that include any of the following testing exceptions:

- Test failures
- Tests not run
- Missing test logs
- Inconclusive test results

All testing exceptions must be identified with a valid Errata ID, Incident ID, or Contingency ID provided by WHQL. The new Microsoft standardized Readme file is available for download at:

<http://www.microsoft.com/whdc/whql/WHQLdwn.msp>

**Testing Exceptions for Intel® Server S3200SHVS3200SHV Windows Server  
2003**

N/A

## Appendix A – Submission History

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Microsoft “Designed for Windows\*” logo submission history for the Intel® Server S3200SHV:

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
1270922	First-Time	11/16/2006	Windows 2003 64 Bit Windows 2003	Intel Core 2 Extreme QX6850 3.0GHz	Fab 202	S3200X38.86B.00.00.0030