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Server WHQL Testing Services

Enterprise Platforms and Services Division

Intel® Server Board S2600CP
Intel® Server System P4000CP

Server Test Submission (STS) Report

For the Microsoft Windows* Logo Program (WLP)

Rev 1.0

September 21, 2012

This report describes the Intel® Server Board S2600CP Windows* Logo Program test run conducted by Intel Enterprise Platforms and Services Division (EPSD).

Purpose of this WLP Submission:

System First Time submission for the Microsoft Designed for Windows* logo submission for the Intel® Server Board S2600CP in None RAID configuration.

Windows Server 2008* R2 sp1 Submission Logo ID: 1490182

Windows Server 2008* sp2 x64bit & 32bit Submission Logo ID: 1490182

Submission Type:	Reason for test run		Check one
First Time Submission		Initial Microsoft Designed for Windows* logo submission. New product submission.	☑

Revision History and Disclaimers

Revision History		
Revision	**Date**	**Comments**
1.0	09/21/2012	Internal draft of the *STS Report* for Windows Server 2008* R2 sp1 x64bit and Windows Server 2008* sp2 32bit&64bit submission for Intel® Server Board S2600CP configured in None RAID mode.

Contents

Introduction

This report provides an overview of the testing conducted on the Intel® Server Board S2600CP 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 tests 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. Changed to Windows Server Catalogue.
DTM	Driver Test manager.
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. http://www.microsoft.com/whdc/default.mspx.
WHOS	Windows Hardware Online Service – Secure online web site used to submit products for logo qualification and review submission history
WHQL	Windows* Hardware Qualification Lab. For more information visit the WHDC home page at: http://www.microsoft.com/whdc/whql/default.mspx.
WLP	Windows Logo Program. For further information see: http://www.microsoft.com/whdc/winlogo/default.mspx.
WTS	Workstation Test Submission Report published by EPSD.

Server Board Submission Information

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	1490182	
Submission Type		
	Check Submission Type	**Comments**
First-Time Hardware and Driver Test Submission	☑	
System Update Test Submission	☐	
Product Category		
Hardware Category	PC System or Server	
Operating System family	Windows Server 2008* R2 family; Windows Server 2008* family	
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	☑	
SQL Database Server	☑	
File Server	☑	

Server Board Configuration Information

Processor	
Quantity	2 (physical processors installed)
Front Side Bus Speed	8.0 GT/s
Family/Model	Intel$^®$ Xeon E5 2600 series
Speed	1.80, 2.00, 2.20, 2.30, 2.40, 2.50, 2.60, 2.70, 2.90 GHz
System Memory	
Amount Installed	512 GB
Memory Type	DDR3
Power Management	
ACPI Sleep States (S1, S2, S3, S4)	S1
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	PBA: E559552-504
Board Manufacturer	Intel Corporation
Board Model	Intel$^®$ Server Board S2600CP
Northbridge* Chipset Manufacturer	N/A
Northbridge Chipset Model	N/A
Southbridge* Chipset Manufacturer	Intel Corporation
Southbridge Chipset Model	Intel$^®$ C600 -A chipset with support for Intel$^®$ C600 RAID Upgrade Keys
BIOS	
BIOS Manufacturer	Intel Corporation
BIOS Version	SE5C600.86B.01.02.0003.022820121335
BIOS Date	Feb 28, 2012
BIOS URL (For Updates)	https://www-ssl.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600cp.html?wapkw=intel+server+board+s2600cp+family

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

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 S2600CP are available for download at:

https://www-ssl.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600cp.html?wapkw=intel+server+board+s2600cp+family.

Technology	OS	Version
Intel® C600 -A chipset	Windows Server 2008* R2 sp1 Windows Server 2008* sp2	v9.2.3.1022
Intel® I350	Windows Server 2008* R2 sp1 Windows Server 2008* sp2	v16.2
Matrox* G200 2D Video Graphics controller	Windows Server 2008* R2 sp1 Windows Server 2008* sp2	WDM20110516i.WHQL

Product Data for HCL: Completion of WLP

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

Product Data	
Product Name	Intel® Server Board S2600CP
Additional Product Names	Intel® Server System P4000CP

Supported Platforms		
	Check Tested	**Comments**
Windows Server 2003* family	☐	
Windows Server 2003* x64 family	☐	
Windows Server 2008* family	☑	
Windows Server 2008* R2 x64 family	☑	

Hardware Compatibility Tests Used

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	Hardware Compatibility Tests (HCT)
Windows Server 2008* R2 sp1		DTM 1.6.8367 Test Kit
	Logo'd Components Index Full Install	Logo'd Components Index Full Install
Windows Server 2008* sp2		DTM 1.6.8367 Test Kit
	Logo'd Components Index Full Install	Logo'd Components Index Full Install

Errata and Contingencies

Microsoft* System DTM Errata list is available at: https://winqual.microsoft.com/EC/.

Operating System	Identification Number	Title
Windows Server 2008* R2 sp1	N/A	*See Testing Exceptions section below.*
Windows Server 2008* sp2	N/A	

Submission Readme File

Effective May 1, 2002, 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/winlogo/WLK/default.mspx

Testing Exceptions for S2600CP Windows Server 2008* R2 sp1

Data in this section reflects product data and test exceptions listed in section 2 of the S2600CP Readme file at time of WLP First-Time submission ID Number 1490182.

Operating system (Windows XP*, Windows 2000*,and so on)	Failure type (Contingency, Errata, Incident)	ID number
Windows Server 2008 R2		
Failing test name		
Applicable error message (Type **N/A** if the error message or failing text is excessive or if there is no text)	N/A	
Additional information (for example, test system in a multiple system configuration)	*No errata included with this submission.*	

Testing Exceptions for S2600CP Windows Server 2008* sp2

Data in this section reflects product data and test exceptions listed in section 2 of the S2600CP Readme file at time of WLP First-Time submission ID Number 1490182.

Operating system (Windows XP, Windows 2000,and so on)	Failure type (Contingency, Errata, Incident)	ID number
Windows Server 2008 sp2		
Failing test name		
Applicable error message (Type **N/A** if the error message or failing text is excessive or if there is no text)	N/A	
Additional information (for example, test system in a multiple system configuration)	*No errata included with this submission.*	

Additional Information

No additional information entered in section 3 of the S2600CP Submission Readme file at time of WLP submission ID 1490182.

Appendix A – Submission History

Microsoft Designed for Windows* logo submission history for the Intel® Server Board S2600CP:

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
1490182	First-Time	9/21/2012	Windows Server 2008* R2 sp1; Windows Server 2008* sp2	1.80, 2.00, 2.20, 2.30, 2.40, 2.50, 2.60, 2.70, 2.90 GHz	504	SE5C600.86B.01.02.0003. 022820121335