Server WHQL Testing Services

Enterprise Platforms and Services Division

Intel® Server Board S2600GZ

Server Test Submission (STS) Report

For the Microsoft® Windows® Logo Program (WLP)

Rev 1.0

Oct. 25th, 2013

This report describes the Intel® Server Board S2600GZ 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 S2600GZ in RAID configuration.

Windows Server 2012 R2 Submission Logo ID: 1614835 (S2600GZ MB)

Submission Type:	Reason for test run	Check one
First Time Submission	Initial Microsoft Designed for Windows logo submission. New product submission.	☑
System Update	Hardware update. (For example, update submission test run with new processor speeds.)	☐
BIOS Update	BIOS and/or Firmware update. (For example, update submission test run with new BIOS to support additional processor speeds.)	☐
OS Update	OS update. (For example, update submission test run to add Microsoft Designed for Windows Server 2008 logo to product.)	☐

Revision History and Disclaimers

Revision History		
Revision	**Date**	**Comments**
1.0	10/25/2013	Internal draft of the STS Report for Windows Server2012R2, Submission for Intel® Server Board S2600GZ configured in none RAID mode

Contents

Introduction

This report provides an overview of the testing conducted on the Intel® Server Board S2600GZ 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
STS	Server Test Submission Report published by EPSD
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	1614835(S2600GZ MB)	
Submission Type		
	Check Submission Type	**Comments**
CPU refresh Hardware and Driver Test Submission	☑	
System Update Test Submission	☐	
Product Category		
Hardware Category	PC System or Server	
Operating System family	Microsoft Windows Server 2012R2 family, x64	
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 processor installed)
Front Side Bus Speed	8 GT/s (Giga transfers per sec)
Family/Model	Intel® Xeon E5 2600 v2 series
Speed	1.70,1.80, 2.00, 2.10,2.20, 2.30, 2.40, 2.50, 2.60, 2.70,2.80, 3.00,3.30,3.50 GHz
System Memory	
Amount Installed	768 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 NOT eligible for logo under the Microsoft* Motherboard logo program)
Board AA #/Fab	G11481-301
Board Manufacturer	Intel Corporation
Board Model	Intel® Server Board S2600GZ
Northbridge* Chipset Manufacturer	N/A
Northbridge Chipset Model	N/A
Southbridge* Chipset Manufacturer	Intel Corporation
Southbridge Chipset Model	Intel® C602 chipset with support for optional Storage Option Select keys

BIOS	
BIOS Manufacturer	Intel Corporation
BIOS Version	SE5C600.86B.02.01.0002.082220131453
BIOS Date	August 22, 2013
BIOS URL (For Updates)	http://downloadcenter.intel.com/SearchResult.aspx?lang=eng&ProductFamily=Server+Products&Pro

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 S2600GZ are available for download at:

http://www.intel.com/p/en_US/support/highlights/server/sb-s1200bt

Technology	OS	Version
Intel® C602 chipset The chipset contains: PCH	**Microsoft Windows Server 2012 R2 family, x64**	V9.3.2.1017_whql
HECI	**Microsoft Windows Server 2012 R2 family, x64**	V1.2.3.2003
Intel® i350	**Microsoft Windows Server 2012 R2 family, x64**	OS embedded
Onboard Storage controller Driver (RSTE mode)	**Microsoft Windows Server 2012 R2 family, x64**	V3.8.0.1111_2013.10.03

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 S2600GZ	
Additional Product Names	N/A	
	N/A	
Supported Platforms		
	Check Tested	**Comments**
Windows Server 2012 R2 family, x64	☑	

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 2012 R2 family, x64	WHCK Test Procedures for Systems, Servers and Cluster Servers	WHCK Test Kit 8.100.25984
	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 2012 R2 family, x64		*See Testing Exceptions section below*

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 S2600GZ Windows Server 2012 R2 family, x64

Data in this section reflects product data and test exceptions listed in section 2 of the S2600GZ Readme file at time of WLP CPU refresh submission ID Number 1614835 (S2600GZ MB).

Operating system (Windows XP, Windows 2000, etc.)	Failure type (Contingency, Errata, Incident)	ID number
Windows Server 2012 R2 family, x64	N/A	N/A
Failing test name	N/A	
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)	N/A	

Additional Information

No additional information entered in section 3 of the S2600GZ Submission Readme file at time of WLP submission ID 1614835 (S2600GZ MB)

Appendix A – Submission History

Microsoft "Designed for Windows*" logo submission history for the Intel® Server Board S2600GZ

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
1614835	First time submission	10/25/2013	Windows Server 2012 R2 family, x64	1.70,1.80, 2.00,2.10, 2.20, 2.30, 2.40, 2.50, 2.60,2.70, 2.80,3.00, 3.30,3.50 GHz	301	SE5C600.86B.02.01.0002.082220131453