Server WHQL Testing Services

Enterprise Platforms and Services Division

Intel® Server Board S1400FP

Server Test Submission (STS) Report

For the Microsoft® Windows® Logo Program (WLP)

Rev 1.1

Nov. 29, 2012

This report describes the Intel® Server Board S1400FP 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 S1400FP in None RAID configuration.

Microsoft Windows Server 2012 family, x64 Submission Logo ID: 1528370

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 Microsoft Windows Server 2012 family, x64 logo to product.)	☐

Revision History and Disclaimers

Revision History		
Revision	**Date**	**Comments**
1.1	11/29/2012	Update with new format base on the MS web link changed.
1.0	10/17/2012	Internal draft of the STS Report for Microsoft Windows Server 2012 family, x64 submission for Intel® Server Board S1400FP configured in **None** RAID mode.

Contents

Introduction

This report provides an overview of the testing conducted on the Intel® Server Board S1400FP 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	1528370	
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	Microsoft Windows Server 2012 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	1 (physical processors installed)
Front Side Bus Speed	8.0 GT/s
Family/Model	Intel$^®$ Xeon E5 2400 series
Speed	1.60,1.80,1.90, 2.00, 2.10, 2.20, 2.30, 2.40 GHz
System Memory	
Amount Installed	96 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	PBA: G49708-202
Board Manufacturer	Intel Corporation
Board Model	Intel$^®$ Server Board S1400FP
Northbridge* Chipset Manufacturer	N/A
Northbridge Chipset Model	N/A
Southbridge* Chipset Manufacturer	Intel Corporation
Southbridge Chipset Model	Intel$^®$ C602 (-A) chipset with support for Intel$^®$ C600 RAID Upgrade Keys

BIOS	
BIOS Manufacturer	Intel Corporation
BIOS Version	SE5C600.86B.01.06.0001.090720121056
BIOS Date	Sep 07, 2012
BIOS URL (For Updates)	http://downloadcenter.intel.com/Detail_Desc.aspx?agr=Y&ProdId=3477&DwnldID=21919&DownloadType=Firmware+&OSFullname=OS+Independent+&lang=eng

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 S1400FP are available for download at:

http://www.intel.com/p/en_US/support/highlights/server/sb-s1400fp

Technology	OS	Version
Intel® C602 -A chipset	**Windows Server 2008 R2 sp1** **Windows Server 2008 sp2**	9.3.0.1021
Intel® i350	**Windows Server 2008 R2 sp1** **Windows Server 2008 sp2**	v12.1.76.0
Matrox* G200 2D Video Graphics controller	**Windows Server 2008 R2 sp1** **Windows Server 2008 sp2**	4.0.2.4

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 S1400FP	
Additional Product Names		
Supported Platforms		
	Check Tested	**Comments**
Windows Server 2003* family	☐	
Windows Server 2003* x64 family	☐	
Windows Server 2008* family	☐	
Windows Server 2008* R2 x64 family	☐	
Microsoft Windows Server 2012 family, x64	☑	

Hardware Compatibility Tests Used

Operating Systems	Notes	Hardware Compatibility Tests (HCT)
Microsoft Windows Server 2012 family, x64		WHCK 2.0.9200
	Logo'd Components Index Full Install	Logo'd Components Index Full Install

Errata and Contingencies

Operating System	Identification Number	Title
Microsoft Windows Server 2012 family, x64	N/A	*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.

Testing Exceptions for S1400FP Microsoft Windows Server 2012 family, x64

Data in this section reflects product data and test exceptions listed in section 2 of the S1400FP Readme file at time of WLP First-Time submission ID Number 1528370.

Operating system (Windows XP, Windows 2000, etc.)	Failure type (Contingency, Errata, Incident)	ID number
Microsoft Windows Server 2012 family, x64		
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 S1400FP Submission Readme file at time of WLP submission ID 1528370.

Appendix A – Submission History

Microsoft "Designed for Windows*" logo submission history for the Intel® Server Board S1400FP

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
1528370	First-Time	10/17/2012	Microsoft Windows Server 2012 family, x64;	1.60,1.80 1.90, 2.00, 2.10, 2.20, 2.30,2.40GHz	202	SE5C600.86B.01.06.0001. 090720121056