



Server WHQL Testing Services

Enterprise Platforms and Services Division

Intel[®] Server Board S5520UR

Intel[®] Server System SR2600URLX

Intel[®] Server System SR2625URLX

Intel[®] Server System SR2600URBRP

Intel[®] Server System SR2625URBRP

Intel[®] Server System SR2612UR

Server Test Submission (STS) Report

For the Microsoft[®] Windows[®] Logo Program (WLP)

Rev 1.0

Dec 24, 2012

This report describes the Intel[®] Server Board S5520UR 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 S5520UR in None RAID configuration.

Windows Server 2012 Submission Logo ID: 1552235

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 2008 logo to product.)	<input type="checkbox"/>

Revision History and Disclaimers

Revision History		
Revision	Date	Comments
1.0	12/24/2012	Internal draft of the STS Report for Windows Server 2012 Submission for Intel® Server Board S5520UR configured in None RAID mode

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Introduction

This report provides an overview of the testing conducted on the Intel® Server Board S5520UR 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 EPSP
WTS	Workstation Test Submission Report published by EPSP

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	1552235	
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 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	<input checked="" type="checkbox"/>	
SQL Database Server	<input checked="" type="checkbox"/>	
File Server	<input checked="" type="checkbox"/>	

Server Board Configuration Information

Processor	
Quantity	2 (physical processors installed)
Front Side Bus Speed	6.4 GT/s
Family/Model	Intel® Xeon E5600 series
Speed	1.86, 2.00, 2.13, 2.26, 2.53, 2.66, 2.80, 2.93, 3.06 and 3.33 GHz
System Memory	
Amount Installed	192 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	E22554-605
Board Manufacturer	Intel Corporation
Board Model	Intel® Server Board S5520UR
Northbridge* Chipset Manufacturer	Intel Corporation
Northbridge Chipset Model	Intel® 5520 IOH
Southbridge* Chipset Manufacturer	Intel Corporation
Southbridge Chipset Model	Intel® 5520 chipset

BIOS	
BIOS Manufacturer	Intel Corporation
BIOS Version	S5500.86B.01.00.0063.09212012
BIOS Date	Nov 21, 2012
BIOS URL (For Updates)	http://downloadcenter.intel.com/SearchResult.aspx?lang=eng&ProductFamily=Server+Products&Pro

Bus Types			
	Check all that Apply		Check all that Apply
PS/2	<input 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 type="checkbox"/>	USB	<input 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 S5520UR are available for download at:

<http://downloadcenter.intel.com/SearchResult.aspx?lang=eng&ProductFamily=Server+Products&ProductLine=Intel%C2%AE+Server+Boards&ProductProduct=Intel%C2%AE+Server+Board+S5520UR>

Technology	OS	Version
Intel® 5520 chipset	Windows Server 2012	OS Embedded
Intel® I350	Windows Server 2012	v17.2 rev_1
Matrox* G200 2D Video Graphics controller	Windows Server 2012	OS Embedded

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 S5520UR	
Additional Product Names	Intel® Server System SR2600URLX	
	Intel® Server System SR2600URBRP	
	Intel® Server System SR2625URBR	
	Intel® Server System SR2612UR	
	Intel® Server System SR2612UR	
Supported Platforms		
	<input type="checkbox"/>	Comments
Windows Server 2003 family	<input type="checkbox"/>	
Windows Server 2003 x64 family	<input checked="" type="checkbox"/>	
Windows Server 2008 family	<input checked="" type="checkbox"/>	
Windows Server 2008 R2 x64 family		

Check T

Hardware Compatibility Tests Used

Operating Systems	Notes	Hardware Compatibility Tests (HCT)
Windows Server 2012		WHCK Test Kit
	Logo'd Components Index Full Install	Logo'd Components Index Full Install

Errata and Contingencies

Operating System	Identification Number	Title
Windows Server 2012	N/A	<i>See Testing Exceptions section below</i>

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 S5520UR Windows Server 2012

Data in this section reflects product data and test exceptions listed in section 2 of the S5520UR Readme file at time of WLP First-Time submission ID Number 1552235.

Operating system (Windows XP, Windows 2000, etc.)	Failure type (Contingency, Errata, Incident)	ID number
Windows Server 2012		
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)	<i>no errata included with this submission</i>	

Additional Information

No additional information entered in section 3 of the S5520UR Submission Readme file at time of WLP submission ID 1552235.

Appendix A – Submission History

Microsoft “Designed for Windows*” logo submission history for the Intel® Server Board S5520UR

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
1552235	First-Time	12/24/2012	Windows Server 2012	1.86, 2.00, 2.13, 2.26, 2.53, 2.66, 2.80, 2.93, 3.06 and 3.33 GHz	605	S5500.86B.01.00.0063.09 212012