



Red Hat* Testing Services
Enterprise Platforms and Services Division

Intel® Server Board

S5520HC

Server Test Submission (STS) Report

For Red Hat* Enterprise Linux Certification

Rev 1.0

Dec 28, 2010

This report describes the Intel® Server Board S5520HC Red Hat* Enterprise Linux 6 Certification test run conducted by Intel Enterprise Platforms and Services Division (EPSD).

Purpose of this submission:

First time system submission for the Red Hat* Enterprise Linux 6 Certification for the Intel® Server Board S5520HC.

Submission Type:	Reason for test run	Check one
First Time Submission	Initial Red Hat* Enterprise Linux Certification 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 new version of Red Hat* Enterprise Linux to product).	<input type="checkbox"/>

Revision History and Disclaimers

Revision	Date	Comments
1.0	12/28/2010	Internal release STS Report for Red Hat* Enterprise Linux 6 Certification Submission for the Intel® Server Board S5520HC.

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Introduction

This report provides an overview of the testing conducted on the Intel® Server Board S5520HC by Intel EPSD and provides details about this testing run.

Overview of Contents

Section	Content
Introduction	Briefly describes the sections in the report and lists relevant terms and definitions.
Server Product Submission Information	Submission information and configuration information.

Terms and Definitions

Term	Definitions
EPSD	Enterprise Platforms and Services Division
STS	Server 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 the Red Hat* Enterprise Linux 6 Certification submission.

Submission Information

Submission ID		
Submission ID	660562	
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	Server	
Operating System family	Red Hat* Enterprise Linux 6	
Product Detail		
General Product Information		
Equipment Type	Server	
Primary Target Market	Business/Corporate	
Compliance	All applicable requirements	

Server Board Configuration Information

Processor	
Quantity	2
Front Side Bus Speed / QPI	6.40 GT/s (Gigatransfers per sec)
Family/Model	Intel® Xeon Quad-core Processor 5600 series
Speed	2.4, 2.53, 2.66, 2.80, 2.93, 3.06, 3.33 and 3.46 GHz
System Memory	
Amount Installed	96 GB
Memory Type	DDR3
Server Board Product	
Board PBA	E26045-551
Board Manufacturer	Intel Corporation
Board Model	Intel® Server Board S5520HC
North Bridge Chipset Manufacturer	Intel Corporation
North Bridge Chipset Model	Intel® 5520 Chipset IOH
South Bridge Chipset Manufacturer	Intel Corporation
South Bridge Chipset Model	Intel® 82801 Jx I/O Controller (ICH10R)
BIOS	
BIOS Manufacturer	AMI*
BIOS Version	S5500.86B.01.00.0055.112620101923
BIOS Date	11/26/2010
BIOS URL (For Updates)	http://support.intel.com/support/motherboards/server/S5520HC

Appendix A – Submission History

Red Hat* Enterprise Linux 6 Certification submission history for the Intel® Server Board S5520HC:

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
660562	First Time	12/28/2010	Red Hat* Enterprise Linux 6	2.4, 2.53, 2.66, 2.80, 2.93, 3.06, 3.33 and 3.46 GHz	551	S5500.86B.01.00.0055.112620101923