



**Red Hat\* Testing Services**  
**Enterprise Platforms and Services Division**

# **Intel® Server Board**

## **S5520HC**

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### **Server Test Submission (STS) Report**

#### **For Red Hat\* Enterprise Linux Certification**

**Rev 1.0**

**May 19, 2010**

This report describes the Intel® Server Board S5520HC Red Hat\* Enterprise Linux 5 Update 4 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 5 Update 4 Certification for the Intel® Server Board S5520HC.

<b>Submission Type:</b>	<b>Reason for test run</b>	<b>Check one</b>
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

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Revision	Date	Comments
1.0	05/19/2010	Internal release STS Report for Red Hat* Enterprise Linux 5 update 4 Certification Submission for the Intel® Server Board S5520HC.

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# Introduction

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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

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### 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 5 update 4 Certification submission.

### Submission Information

Submission ID		
Submission ID	577740	
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 5 Update 4	
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 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.01.00.0048.022720101222
BIOS Date	2/27/2010
BIOS URL (For Updates)	<a href="http://support.intel.com/support/motherboards/server/S5520HC">http://support.intel.com/support/motherboards/server/S5520HC</a>

## Appendix A – Submission History

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Red Hat\* Enterprise Linux 5 Update 4 Certification submission history for the Intel® Server Board S5520HC:

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
577740	First Time	05/19/2010	Red Hat* Enterprise Linux 5 Update 4	2.4, 2.53, 2.66, 2.80, 2.93, 3.06, 3.33 and 3.46 GHz	551	S5500.86B.01.00.0048.022720101222