



**Novell\* SuSE\* Testing Services**  
**Enterprise Platforms and Services Division**

# **Intel® Server Board**

## **S5520HC**

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

#### **For Novell\* SuSE\* Linux Certification**

**Rev 1.0**

**Jun 17<sup>th</sup>, 2010**

This report describes the Intel® Server Board S5520HC Novell\* SuSE\* Linux Certification test run conducted by Intel Enterprise Platforms and Services Division (EPSD). The –NR designation in the product name indicates that this certification applies to non-RAID configuration.

**Purpose of this submission:**

First time system submission for the Novell\* SuSE\* Linux 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 Novell* SuSE* 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 Novell* SuSE* Linux to product).	<input type="checkbox"/>

## Revision History and Disclaimers

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Revision	Date	Comments
1.0	6/17/2009	Internal release STS Report for Novell* SuSE* Linux 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 Novell\* SuSE\* Linux Certification submission.

### Submission Information

Submission ID		
Submission ID	[131482], [131889], [132819]	
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	Novell* SuSE* Linux Enterprise Server 10 SP3	
Product Detail		
General Product Information		
Equipment Type	Server	
Primary Target Market	Business/Corporate	
Compliance	All applicable requirements	

## Server Board Configuration Information

<b>Processor</b>	
Quantity	2
Front Side Bus Speed / QPI	6.40 GT/s (Gigatransfers per sec)
Family/Model	Intel® Xeon Processor 5600 series
Speed	2.40, 2.53, 2.66, 2.80, 2.93, 3.06 and 3.33 GHz
<b>System Memory</b>	
Amount Installed	24 GB
Memory Type	DDR3, 1333MHz, ECC RDIMM
<b>Server Board Product</b>	
Board PBA	E26045-451
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)
<b>BIOS</b>	
BIOS Manufacturer	AMI*
BIOS Version	S5500.86B.01.00.0048
BIOS Date	Feb. 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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Novell\* SuSE\* Linux Certification submission history for the Intel® Server Board S5520HC:

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
[ 131482], [ 131889], [ 132819]	First Time	[6/17/2009]	Novell* SuSE* Linux Enterprise Server 10 SP3	[2.40, 2.53, 2.66, 2.80, 2.93, 3.06 and 3.33] GHz	[-451]	S5500.86B.01.00.0048