



**Server WHQL Testing Services**

**Enterprise Platforms and Services Division**

**Intel® Server Board S1200V3RPM**

**Intel® Server System  
R1208RPM SHORSP**

---

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

**For the Microsoft® Windows® Logo Program (WLP)**

Rev 1.0

**October 22, 2013**

This report describes the Intel® Server Board S1200V3RPM 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 S1200V3RPM in None RAID configuration.

**Windows Server 2012 R2 Submission Logo ID: 1615835**

<b>Submission Type:</b>	<b>Reason for test run</b>	<b>Check one</b>
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	10/22/2013	Internal draft of the STS Report for Windows Server 2012 R2 64bit Submission for Intel® Server Board S1200V3RPM configured in None RAID mode

THIS TEST REPORT IS PROVIDED "AS IS" WITH NO WARRANTIES WHATSOEVER, INCLUDING ANY WARRANTY OF MERCHANTABILITY, NONINFRINGEMENT FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY WARRANTY OTHERWISE ARISING OUT OF ANY PROPOSAL, SPECIFICATION OR SAMPLE.

Information in this document is provided in connection with Intel® products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by the sale of Intel products. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, life saving, or life sustaining applications.

Intel retains the right to make changes to its test specifications at any time, without notice.

The hardware vendor remains solely responsible for the design, sale and functionality of its product, including any liability arising from product infringement or product warranty.

Intel, Pentium, Itanium and Xeon are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

\* Other names and brands may be claimed as the property of others.

Copyright © 2009, Intel Corporation. All rights reserved.

# Contents

---

<b>Revision History and Disclaimers .....</b>	<b>2</b>
<b>Introduction .....</b>	<b>4</b>
Overview of Contents.....	4
Terms and Definitions .....	4
<b>Server Board Submission Information .....</b>	<b>5</b>
Intel Server Board Submission Report: Completion of WLP .....	5
Submission Information.....	5
Submission ID .....	5
Submission Type.....	5
Product Category .....	5
Product Detail.....	5
General Product Information .....	5
Characterization (optional) .....	5
Server Board Configuration Information .....	6
Processor.....	6
System Memory .....	6
Power Management .....	6
BIOS .....	6
Bus Types .....	<b>Error! Bookmark not defined.</b>
Integrated Components.....	<b>Error! Bookmark not defined.</b>
Onboard Integrated Devices and Drivers .....	7
Product Data for HCL: Completion of WLP .....	7
Product Data .....	7
<b>Hardware Compatibility Tests Used .....</b>	<b>8</b>
<b>Errata and Contingencies.....</b>	<b>9</b>
Submission Readme File .....	9
Testing Exceptions for S1200V3RPM Windows Server 2012 R2 .....	10
Additional Information.....	10
<b>Appendix A – Submission History.....</b>	<b>11</b>

# Introduction

---

This report provides an overview of the testing conducted on the Intel® Server Board S1200V3RPM 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	1615835	
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 2012 R2 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 Submission Information

### Server Board Configuration Information

Processor	
Quantity	1 (physical processors installed)
Front Side Bus Speed	8.0 GT/s
Family/Model	Intel <sup>®</sup> Xeon E3 1200 series
Speed	1.60, 1.80, 2.40, 2.50, 2.60, 2.90, 3.10, 3.20, 3.30, 3.40, 3.50, 3.60 GHz
System Memory	
Amount Installed	32 GB
Memory Type	DDR3
Power Management	
ACPI Sleep States (S1, S2, S3, S4)	S1, S3
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	PBA: G62254-401
Board Manufacturer	Intel Corporation
Board Model	Intel <sup>®</sup> Server Board S1200V3RPM
Northbridge* Chipset Manufacturer	N/A
Northbridge Chipset Model	N/A
Southbridge* Chipset Manufacturer	Intel Corporation
Southbridge Chipset Model	Intel <sup>®</sup> C226 chipset
BIOS	
BIOS Manufacturer	Intel Corporation
BIOS Version	S1200RP.86B.01.03.0004
BIOS Date	August 21, 2013
BIOS URL (For Updates)	<a href="https://downloadcenter.intel.com/Default.aspx?lang=eng">https://downloadcenter.intel.com/Default.aspx?lang=eng</a>

## 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 S1200V3RPM are available for download at:

<https://downloadcenter.intel.com/Default.aspx?lang=eng>

Technology	OS	Version
Intel® C226 chipset	Windows Server 2012 R2	v9.4.0.1027
Intel® I210	Windows Server 2012 R2	embedded
Onboard USB3.0_xHCI Driver	Windows Server 2012 R2	embedded
HD Graphics P4600/P4700	Windows Server 2012 R2	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 S1200V3RPM	
Additional Product Names	Intel® Server System P4308RPLSHDRSPP	
Supported Platforms		
	Check Tested	Comments
Windows Server 2003 family	<input type="checkbox"/>	
Windows Server 2003 x64 family	<input type="checkbox"/>	
Windows Server 2008 family	<input type="checkbox"/>	
Windows Server 2008 R2 x64 family	<input checked="" type="checkbox"/>	

## Hardware Compatibility Tests Used

---

Operating Systems	Notes	Hardware Compatibility Tests (HCT)
Windows Server 2012		HCK 8.59.29854
	Logo'd Components Index Full Install	Logo'd Components Index Full Install

---



# Errata and Contingencies

---

Operating System	Identification Number	Title
Windows Server 2012 R2	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.

## Errata and Contingencies

### Testing Exceptions for S1200V3RPM Windows Server 2012 R2

Data in this section reflects product data and test exceptions listed in section 2 of the S1200V3RPM Readme file at time of WLP First-Time submission ID Number 1615835.

<b>Operating system</b> (Windows XP, Windows 2000, etc.)	<b>Failure type</b> (Contingency, Errata, Incident)	<b>ID number</b>
Windows Server 2012 R2		
<b>Failing test name</b>		
<b>Applicable error message</b> (Type <b>N/A</b> if the error message or failing text is excessive or if there is no text)	N/A	
<b>Additional information</b> (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 S1200V3RPM Submission Readme file at time of WLP submission ID 1615835.

# Appendix A – Submission History

Microsoft “Designed for Windows\*” logo submission history for the Intel® Server Board S1200V3RPM

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
1615835	First-Time	10/22/2013	Windows Server 2012 R2 ;	1.60, 1.80, 2.40, 2.50, 2.60, 2.90, 3.10, 3.20, 3.30, 3.40, 3.50, 3.60 GHz	401	S1200RP.86B.01.03.0004