

Server WHQL Testing Services

Enterprise Platforms and Services Division

Intel[®] Server Board S1200V3RPL Intel® Server System P4308RPLSHDRSPP

Server Test Submission (STS) Report

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

Rev 1.0

July 24, 2013

This report describes the Intel® Server Board S1200V3RPL 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 S1200V3RPL in None RAID configuration.

Submission Type:	Reason for test run	Check one
First Time Submission	Initial Microsoft Designed for Windows logo submission. New product submission.	\checkmark
System Update	Hardware update. (For example, update submission test run with new processor speeds.)	
BIOS Update	BIOS and/or Firmware update. (For example, update submission test run with new BIOS to support additional processor speeds.)	

Windows Server 2008 R2 sp1 Submission Logo ID: 1595089

Revision History and Disclaimers

Revision History			
Revision	Revision Date Comments		
1.0 07/24/2013 Internal draft of the STS Report for Windows Server 2008 R2 sp1 64bit Submission for Intel® Server Board S1200V3RPL 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

Revision History and Disclaimers2	
Introduction4	
Overview of Contents4	
Terms and Definitions4	
Server Board Submission Information5	
Intel Server Board Submission Report: Completion of WLP5	
Submission Information5	
Submission ID5	
Submission Type5	
Product Category5	
Product Detail5	
General Product Information5	
Characterization (optional)5	
Server Board Configuration Information	
Processor	
System Memory	
Power Management	
BIOS	
Bus TypesError! Bookmark not defined.	
Integrated Components Onboard Integrated Devices and Drivers7	
Product Data for HCL: Completion of WLP	
Product Data	
Hardware Compatibility Tests Used8	
Errata and Contingencies9	
Submission Readme File9	
Testing Exceptions for S1200V3RPL Windows Server 2008 R2 sp110	
Additional Information10	
Appendix A – Submission History11	

Introduction

This report provides an overview of the testing conducted on the Intel® Server Board S1200V3RPL 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 1595089				
Submission Type				
	Check Submission Type	Comments		
First-Time Hardware and Driver Test Submission				
System Update Test Submission				
Product Category				
Hardware Category	PC System or Server			
Operating System family	Operating System family Windows Server 2008 R2 family;			
Product Detail	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				
SQL Database Server				
File Server				

Server Board Configuration Information

Processor		
Quantity	1 (physical processors installed)	
Front Side Bus Speed	8.0 GT/s	
Family/Model	Intel [®] 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: G62251-401	
Board Manufacturer	Intel Corporation	
Board Model	Intel [®] Server Board S1200V3RPL	
Northbridge* Chipset Manufacturer	N/A	
Northbridge Chipset Model	N/A	
Southbridge* Chipset Manufacturer	Intel Corporation	
Southbridge Chipset Model	Intel [®] C226 chipset	
BIOS		
BIOS Manufacturer	Intel Corporation	
BIOS Version	S1200RP.86B.01.02.0004	
BIOS Date	June 09, 2013	
BIOS URL (For Updates)	https://downloadcenter.intel.com/Default.aspx?lang=eng	

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 S1200V3RPL are available for download at:

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

Technology	OS	Version
Intel® C226 chipset	Windows Server 2008 R2 sp1	v9.4.0.1017
Intel® I210	Windows Server 2008 R2 sp1	v17.4

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 Boar	d S1200V3RPL	
Additional Product Names	Intel® Server System P4308RPLSHDRSPP		
Supported Platforms	Supported Platforms		
	Check Tested	Comments	
Windows Server 2003 family			
Windows Server 2003 x64 family			
Windows Server 2008 family			
Windows Server 2008 R2 x64 family	\checkmark		

Hardware Compatibility Tests Used

Operating Systems	Notes	Hardware Compatibility Tests (HCT)
Windows Server 2008 R2 sp1		HCK 8.59.29854
	Logo'd Components Index Full Install	Logo'd Components Index Full Install
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 2008 R2 sp1	N/A	See Testing Exceptions section below

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 S1200V3RPL Windows Server 2008 R2 sp1

Data in this section reflects product data and test exceptions listed in section 2 of the S1200V3RPL Readme file at time of WLP First-Time submission ID Number 1595089.

Operating system (Windows XP, Windows 2000, etc.)	Failure type (Contingency, Errata, Incident)	ID number
Windows Server 2008 R2		
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)		

Additional Information

No additional information entered in section 3 of the S1200V3RPL Submission Readme file at time of WLP submission ID 1595089.

Appendix A – Submission History

Submission ID	Туре	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
1595089	First- Time	7/24/2013	Windows Server 2008 R2 sp1;	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.01.02.0004

Microsoft "Designed for Windows*" logo submission history for the Intel[®] Server Board S1200V3RPL