



Server WHQL Testing Services

Enterprise Platforms and Services Division

Intel® Server Board S1200KP

Server Test Submission (STS) Report

For the Microsoft® Windows® Logo Program (WLP)

Rev 1.0

September 1st, 2011

This report describes the Intel® Server Board S1200KP 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 S1200KP.

Windows Server 2008 R2 Submission Logo ID: 1466150 (S1200KP MB)

| Submission Type: | Reason for test run | Check one |
|-----------------------|--|-------------------------------------|
| 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 | September 1 st , 2011 | Initial release. |
| | | |
| | | |

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Introduction

This report provides an overview of the testing conducted on the Intel® Server Board S1200KP 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 |
| HCL | Windows Hardware Compatibility List. Changed to Windows Server Catalogue. You can view the catalogue at: http://www.microsoft.com/windows/catalog/server/ |
| DTM | Driver Test manager. For latest Server DTM tests visit: http://www.microsoft.com/whdc/hwtest/system/default.aspx |
| STS | Server Test Submission Report published by EPSD |
| WHDC | Windows* Hardware and Driver Central. Provides technical information, development and testing kits, newsletters and support information. http://www.microsoft.com/whdc/default.aspx |
| WHOS | Windows Hardware Online Service – Secure online web site used to submit products for logo qualification and review submission history. https://winqual.microsoft.com/ |
| WHQL | Windows* Hardware Qualification Lab. For more information visit the WHDC home page at: http://www.microsoft.com/whdc/whql/default.aspx |
| WLP | Windows Logo Program. For further information see: http://www.microsoft.com/whdc/winlogo/default.aspx |
| 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 | 1466150 (S1200KP MB) | |
| 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 | Window Server 2008 R2 64bit Service Pack 1 | |
| 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 |
| Front Side Bus Speed | 5 GT/s (Giga transfers per sec) |
| Family/Model | Intel Xeon E3-1275 |
| Speed | 3.40GHz |
| System Memory | |
| Amount Installed | 2 |
| Memory Type | Dual Channel, DDR3, 1333MHz |
| Power Management | |
| ACPI Sleep States (S1, S2, S3, S4) | S3 |
| Server Board Product | |
| System uses logo'd motherboard | NO (Server boards are NOT eligible for logo under the Microsoft* Motherboard logo program) |
| Board AA #/Fab | G34877 / 100 |
| Board Manufacturer | Intel Corporation |
| Board Model | Intel® Server Board S1200KP |
| Northbridge* Chipset Manufacturer | Intel Corporation |
| Northbridge Chipset Model | Intel C206 PCH |
| Southbridge* Chipset Manufacturer | N/A |
| Southbridge Chipset Model | N/A |
| BIOS | |
| BIOS Manufacturer | Intel Corporation |
| BIOS Version | KPC2060H.86B.0012.2011.0803.1315 |
| BIOS Date | 08/03/2011 |
| BIOS URL (For Updates) | http://www.intel.com/p/en_US/support/highlights/server/sb-s1200kp |

| Bus Types | | | |
|-----------------------|--------------------------|-------------------|-------------------------------------|
| | Check all that Apply | | Check all that Apply |
| PS/2 | <input type="checkbox"/> | AGP* | <input type="checkbox"/> |
| 1394 | <input type="checkbox"/> | PCCard* (16-bit) | <input type="checkbox"/> |
| CF (Compact Flash) | <input type="checkbox"/> | CardBus* (32-bit) | <input type="checkbox"/> |
| PCI | <input type="checkbox"/> | USB | <input type="checkbox"/> |
| Mini-PCI | <input type="checkbox"/> | USB 2.0 | <input checked="" type="checkbox"/> |
| AMR | <input type="checkbox"/> | InfiniBand* | <input type="checkbox"/> |
| ACR | <input type="checkbox"/> | Bluetooth* | <input type="checkbox"/> |
| COM (Serial) | <input type="checkbox"/> | PCI Express | <input checked="" type="checkbox"/> |
| Integrated Components | | | |
| | Check all that Apply | | Check all that Apply |
| Audio | <input type="checkbox"/> | Display | <input type="checkbox"/> |
| IDE | <input type="checkbox"/> | Networking | <input checked="" type="checkbox"/> |
| SCSI | <input type="checkbox"/> | RAID | <input checked="" type="checkbox"/> |
| Modem | <input type="checkbox"/> | Bluetooth* | <input type="checkbox"/> |

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 S1200KP are available for download at:

http://www.intel.com/p/en_US/support/highlights/server/sb-s1200kp

| Technology | OS | Version |
|--|-------------------------------------|---------------|
| Chipset Update Utility Intel® Chipset Software Utility | Win Server 2008 R2 64-bit | V9.2.0.1016 |
| Graphics Intel® HD Graphics | Win Server 2008 R2 64-bit | V8.15.10.2418 |
| LAN 1 Intel® 82574L Gigabit | Win Server 2008 R2 64-bit | V11.7.32.0 |
| LAN 2 Intel® 82579LM Gigabit | Win Server 2008 R2 64-bit | V11.12.36.0 |
| MEI Intel® Management Engine Interface | Win Server 2008 R2 64-bit | V7.0.0.1144 |
| IRST | Win Server 2008 R2 64-bit | V10.6.0.1002 |

Server Board Submission Information

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 S1200KP | |
| Additional Product Names | N/A | |
| | N/A | |
| | N/A | |
| 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 x64 family | <input checked="" type="checkbox"/> | |

Hardware Compatibility Tests Used

Microsoft* Windows Hardware Driver Central Server Testing Home Page:

<http://www.microsoft.com/whdc/hwtest/system/default.aspx>.

Please check this website regularly for test kit updates.

| Operating Systems | Notes | Hardware Compatibility Tests (HCT) |
|--|--|--------------------------------------|
| Window Server 2008 R2 64bit Service Pack 1 | DTM 1.6 Test Procedures for Systems, Servers and Cluster Servers | DTM 1.6 Test Kit |
| | Logo'd Components Index Full Install | Logo'd Components Index Full Install |

Errata and Contingencies

Microsoft* System DTM Errata list is available at:

<https://winqual.microsoft.com/EC/>

| Operating System | Identification Number | Title |
|------------------------------------|-----------------------|---|
| Window Server 2008 R2 64bit SP1 | | <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. The new Microsoft standardized Readme file is available for download at:

<http://www.microsoft.com/whdc/winlogo/WLK/default.aspx>

Testing Exceptions for S1200KP Windows Server 2008 R2 64Bit SP1

Data in this section reflects product data and test exceptions listed in section 2 of the S1200KP Readme file at time of WLP First-Time submission ID Number 1466150 (S1200KP MB)

| Operating system | Failure type) | ID number |
|---|----------------------|------------------|
| Window Server 2008 R2 64bit SP1 | N/A | N/A |
| Failing test name | N/A | |
| 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) | N/A | |

Additional Information

No additional information entered in section 3 of the S1200KP Readme file at time of WLP submission ID 1466150

Appendix A – Submission History

Microsoft “Designed for Windows*” logo submission history for the Intel® Server Board S1200KP

| Submission ID | Type | Date | OS Qualified | Processor Speeds | Board Revision | BIOS Version |
|---------------|------------|--------------------------------|---------------------------------|------------------|----------------|----------------------------------|
| 1466150 | First-Time | August 24 th , 2011 | Windows Server 2008 R2 - 64 Bit | 3.4 GHZ | 100 | KPC2060H.86B.0012.2011.0803.1315 |