



Intel PCSD Server Memory Compatibility Test Certificate

Test System: Intel S2400SC (Swift Current Pass)	Test Result: Pass
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Leveraged System(s): Intel S2400EP (Eagle Pass)

Module Information									
Rev. 03/01/2014									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR16LR11S4/8I	RDIMM	1.35V	8GB	1Gx72	1600	11	C	SR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Hynix	H5TC4G43BFR-PBA	4Gb	1024Mx4bit	1438	Inphi	GS02	(1024Mx4)*72		

Leveraged Memory Modules						
Vendor	Type	Voltage	CL	Speed		
1 Kingston	KVR16LR11S4K3/24I	RDIMM	1.35V	11	1600	
2 Kingston	KVR16LR11S4K4/32I	RDIMM	1.35V	11	1600	
3 Kingston	KVR16R11S4/8I	RDIMM	1.5V	11	1600	
4 Kingston	KVR16R11S4K3/24I	RDIMM	1.5V	11	1600	
5 Kingston	KVR16R11S4K4/32I	RDIMM	1.5V	11	1600	
6						

System Configuration		
SETUP	System #1	System #2
AVL S/N	SN7956	SN7957
System S/N	AZSP14400039	AZSP14400044
Board Rev. (PBA)	G18552-301	
CPU Type	E5-2470 v2 / 2.3 GHz	
Chipset	Intel C602	
BIOS / Date	02.03.0003 / 04/19/2014	
BMC / ME	01.21.6038 / 02.01.07.328	
FUR/SDR	1.10	
OS	Windows 2008 Enterprise R2 64bit SP1	
Test Tool	iWVSS 2.5.3, SELViewer, Pvmode2, Syscfg, WinPIRA, MemPuller	

Testing Summary		
Test Items	Test Description	Test Results
1. Latest BIOS Upgrade & Configuration check	Record memory Size and Speed detection from BIOS	Done
2. SPD Check	DIMM SPD content check for JEDEC compliance	Pass
3. Memory Stress	Test for 6 hours @ Max and Min Loading	HVDD Hot Pass
4. Memory Stress		HVDD Cold Pass
5. Memory Stress		LVDD Hot Pass
6. Memory Stress		LVDD Cold Pass
Note:		

Memory Module Image							
AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	01/16/15	AVL A#	A10272	AVL W/O	WD2657
Comments:							

Test Results

4C						
Minimum Loading						
Start Date		1/12/2015				
DIMM Voltage		1.5v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SV4460	P	P	P	P	
CPU1 B1	SV4461	P	P	P	P	
CPU1 C1	SV4462	P	P	P	P	
CPU1 C2						
CPU1 D1	SV4463	P	P	P	P	
CPU2 E1	SV4464	P	P	P	P	
CPU2 F1	SV4491	P	P	P	P	
CPU2 F2						

4C						
Maximum Loading						
Start Date		12/23/14				
DIMM Voltage		1.5v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SV4460	P	P	P	P	
CPU1 B1	SV4461	P	P	P	P	
CPU1 C1	SV4462	P	P	P	P	
CPU1 C2	SV4463	P	P	P	P	
CPU1 D1	SV4464	P	P	P	P	
CPU2 E1	SV4465	P	P	P	P	
CPU2 F1	SV4466	P	P	P	P	
CPU2 F2	SV4490	P	P	P	P	

4C						
Minimum Loading						
Start Date		1/5/2015				
DIMM Voltage		1.35v				
DIMM	S/N	E	F	G	H	
CPU1 A1	SV4460	P	P	P	P	
CPU1 B1	SV4461	P	P	P	P	
CPU1 C1	SV4462	P	P	P	P	
CPU1 C2						
CPU1 D1	SV4463	P	P	P	P	
CPU2 E1	SV4464	P	P	P	P	
CPU2 F1	SV4465	P	P	P	P	
CPU2 F2						

4C						
Maximum Loading						
Start Date		12/30/14				
DIMM Voltage		1.35v				
DIMM	S/N	E	F	G	H	
CPU1 A1	SV4460	P	P	P	P	
CPU1 B1	SV4461	P	P	P	P	
CPU1 C1	SV4462	P	P	P	P	
CPU1 C2	SV4463	P	P	P	P	
CPU1 D1	SV4464	P	P	P	P	
CPU2 E1	SV4465	P	P	P	P	
CPU2 F1	SV4466	P	P	P	P	
CPU2 F2	SV4467	P	P	P	P	