



**Intel PCSD Server Memory Compatibility Test Certificate**

Test System: <b>Intel S2400LP (Lincoln Pass)</b>	Test Result: <b>Pass</b>
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Leveraged System(s): Intel S2400BB (Black Bear Pass), Intel S1400FP (Freemont Pass), Intel S1400(Salmon Pass)

Module Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR16LR11D4/16I	RDIMM	1.35V	16GB	2Gx72	1600	11	E	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Hynix	H5TC4G43BFR-PBA	4Gb	1024Mx4bit	1438	Inphi	GS02	(1024Mx4)X2*72		

System Configuration		
SETUP	System #1	System #2
AVL S/N	SO7932	SR7541
System S/N	AZLP15100088	AZLP23700462
Board Rev. (PBA)	G18581-201	G18580-204
CPU Type	E5-2450 v2 / 2.1 GHz	
Chipset	Intel C602	
BIOS / Date	02.03.0003 / 04/19/2014	
BMC / ME	01.21.6038 / 02.01.07.328	
FUR/SDR	1.09	
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
4. Memory Stress		HVDD Cold
5. Memory Stress		LVDD Hot
6. Memory Stress		LVDD Cold
Note:		

Memory Module Image							
AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	01/16/2015	AVL A#	A10270	AVL W/O	WD2650
Comments:							

Test Results

4C					
Minimum Loading					
Start Date		1/9/2015			
DIMM Voltage		1.5v			
DIMM	S/N	A	B	C	D
CPU1 A1	SV4377	P	P	P	P
CPU1 A2					
CPU1 B1	SV4378	P	P	P	P
CPU1 B2					
CPU1 C1	SV4379	P	P	P	P
CPU1 C2					
CPU1 D1	SV4380	P	P	P	P
CPU1 D2					
CPU2 E1	SV4381	P	P	P	P
CPU2 E2					
CPU2 F1	SV4430	P	P	P	P
CPU2 F2					

4C					
Maximum Loading					
Start Date		01/07/15			
DIMM Voltage		1.5v			
DIMM	S/N	A	B	C	D
CPU1 A1	SV4377	P	P	P	P
CPU1 A2	SV4378	P	P	P	P
CPU1 B1	SV4379	P	P	P	P
CPU1 B2	SV4380	P	P	P	P
CPU1 C1	SV4381	P	P	P	P
CPU1 C2	SV4382	P	P	P	P
CPU1 D1	SV4383	P	P	P	P
CPU1 D2	SV4384	P	P	P	P
CPU2 E1	SV4385	P	P	P	P
CPU2 E2	SV4386	P	P	P	P
CPU2 F1	SV4387	P	P	P	P
CPU2 F2	SV4430	P	P	P	P

4C					
Minimum Loading					
Start Date		1/15/2015			
DIMM Voltage		1.35v			
DIMM	S/N	E	F	G	H
CPU1 A1	SV4377	P	P	P	P
CPU1 A2					
CPU1 B1	SV4378	P	P	P	P
CPU1 B2					
CPU1 C1	SV4379	P	P	P	P
CPU1 C2					
CPU1 D1	SV4380	P	P	P	P
CPU1 D2					
CPU2 E1	SV4381	P	P	P	P
CPU2 E2					
CPU2 F1	SV4382	P	P	P	P
CPU2 F2					

4C					
Maximum Loading					
Start Date		01/11/15			
DIMM Voltage		1.35v			
DIMM	S/N	E	F	G	H
CPU1 A1	SV4377	P	P	P	P
CPU1 A2	SV4378	P	P	P	P
CPU1 B1	SV4379	P	P	P	P
CPU1 B2	SV4380	P	P	P	P
CPU1 C1	SV4381	P	P	P	P
CPU1 C2	SV4382	P	P	P	P
CPU1 D1	SV4383	P	P	P	P
CPU1 D2	SV4384	P	P	P	P
CPU2 E1	SV4385	P	P	P	P
CPU2 E2	SV4386	P	P	P	P
CPU2 F1	SV4387	P	P	P	P
CPU2 F2	SV4388	P	P	P	P