



Intel PCSD Server Memory Compatibility Test Certificate

Test System: **Intel S2600WP (Washington Pass)** Test Result: **Pass**

Leveraged System(s): Intel S1600JP (Jackson Pass)

Module Information									
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	SR9654	SU4440
System S/N	QSWP24701947	QSWP14100099
Board Rev. (PBA)	G38670-201	
CPU Type	E5-2690 v2 / 3.0 GHz	
Chipset	Intel C602	
BIOS / Date	02.03.0003 / 04/19/2014	
BMC / ME	01.21.6038 / 02.01.07.328	
FUR/SDR	1.08	
OS	Windows 2008 Enterprise R2 64bit SP1	
Test Tool	iVSS 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:	01/22/15	AVL A#	A10272	AVL W/O	WD2654
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Comments:

Test Results

4C					
Minimum Loading					
Start Date		1/5/2015			
DIMM Voltage		1.5v			
DIMM	S/N	A	B	C	D
CPU1 A1	SV4461	P	P	P	P
CPU1 A2					
CPU1 B1	SV4462	P	P	P	P
CPU1 B2					
CPU1 C1	SV4463	P	P	P	P
CPU1 C2					
CPU1 D1	SV4464	P	P	P	P
CPU1 D2					
CPU2 E1	SV4465	P	P	P	P
CPU2 E2					
CPU2 F1	SV4466	P	P	P	P
CPU2 F2					
CPU2 G1	SV4467	P	P	P	P
CPU2 G2					
CPU2 H1	SV4492	P	P	P	P
CPU2 H2					

4C					
Maximum Loading					
Start Date		01/06/15			
DIMM Voltage		1.5v			
DIMM	S/N	A	B	C	D
CPU1 A1	SV4461	P	P	P	P
CPU1 A2	SV4462	P	P	P	P
CPU1 B1	SV4463	P	P	P	P
CPU1 B2	SV4464	P	P	P	P
CPU1 C1	SV4465	P	P	P	P
CPU1 C2	SV4466	P	P	P	P
CPU1 D1	SV4467	P	P	P	P
CPU1 D2	SV4468	P	P	P	P
CPU2 E1	SV4469	P	P	P	P
CPU2 E2	SV4470	P	P	P	P
CPU2 F1	SV4471	P	P	P	P
CPU2 F2	SV4472	P	P	P	P
CPU2 G1	SV4473	P	P	P	P
CPU2 G2	SV4474	P	P	P	P
CPU2 H1	SV4475	P	P	P	P
CPU2 H2	SV4492	P	P	P	P

4C					
Minimum Loading					
Start Date		1/12/2015			
DIMM Voltage		1.35v			
DIMM	S/N	E	F	G	H
CPU1 A1	SV4461	P	P	P	P
CPU1 A2					
CPU1 B1	SV4462	P	P	P	P
CPU1 B2					
CPU1 C1	SV4463	P	P	P	P
CPU1 C2					
CPU1 D1	SV4464	P	P	P	P
CPU1 D2					
CPU2 E1	SV4465	P	P	P	P
CPU2 E2					
CPU2 F1	SV4466	P	P	P	P
CPU2 F2					
CPU2 G1	SV4467	P	P	P	P
CPU2 G2					
CPU2 H1	SV4468	P	P	P	P
CPU2 H2					

4C					
Maximum Loading					
Start Date		01/16/15			
DIMM Voltage		1.35v			
DIMM	S/N	E	F	G	H
CPU1 A1	SV4461	P	P	P	P
CPU1 A2	SV4462	P	P	P	P
CPU1 B1	SV4463	P	P	P	P
CPU1 B2	SV4464	P	P	P	P
CPU1 C1	SV4465	P	P	P	P
CPU1 C2	SV4466	P	P	P	P
CPU1 D1	SV4467	P	P	P	P
CPU1 D2	SV4468	P	P	P	P
CPU2 E1	SV4469	P	P	P	P
CPU2 E2	SV4470	P	P	P	P
CPU2 F1	SV4471	P	P	P	P
CPU2 F2	SV4472	P	P	P	P
CPU2 G1	SV4473	P	P	P	P
CPU2 G2	SV4474	P	P	P	P
CPU2 H1	SV4475	P	P	P	P
CPU2 H2	SV4476	P	P	P	P