



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600TP (Taylor Pass)	Test Result: Pass

Leveraged System(s):N/A

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR21R15D4/16I	RDIMM	1.2V	16GB	2Gx72	2133	15	A	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
SK Hynix	H5AN4G4NAFR-TFC	4Gb	1024Mx4bit	1530	IDT	C0	(1024Mx4)*2*72		

Leveraged Memory Modules						
Vendor	Type	Voltage	CL	Speed		
1 Kingston	KVR21R15D4K4/64I	RDIMM	1.2V	15	2133	
2						
3						
4						
5						
6						

System Configuration		
SETUP	System #1	System #2
AVL S/N	SU9574	SU9575
System S/N	BQTP42700005 / LVPP	BQTP42700200 / HVPP
Board Rev. (PBA)	H26989-202	
CPU Type	E5-2660 v3 / 2.60 GHz	
Chipset	C610	
BIOS / Date	01.01.0009 / 06/01/2015	
BMC / ME	01.28.8586 / 03.00.07.168	
FUR/SDR	1.09	
OS	Windows Server 2012 R2	
Test Tool	iWVSS 2.6.1, SELViewer, Syscfg, WinPIRA	

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/HVPP Hot
4. Memory Stress		HVDD/HVPP Cold
5. Memory Stress		LVDD/LVPP Hot
6. Memory Stress		LVDD/LVPP Cold
Note:		

Memory Module Image



AVL USE ONLY:							
Completed by:	Sean Lu	Completion Date:	09/02/2015	AVL A#	10721	AVL W/O	WD4074
Comments:							

Test Results

4C						
Minimum Loading						
Start Date		8/24/2015				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SW8716	P	P	P	P	
CPU1 A2						
CPU1 B1	SW8717	P	P	P	P	
CPU1 B2						
CPU1 C1	SW8718	P	P	P	P	
CPU1 C2						
CPU1 D1	SW8719	P	P	P	P	
CPU1 D2						
CPU2 E1	SW8720	P	P	P	P	
CPU2 E2						
CPU2 F1	SW8721	P	P	P	P	
CPU2 F2						
CPU2 G1	SW8722	P	P	P	P	
CPU2 G2						
CPU2 H1	SW8723	P	P	P	P	
CPU2 H2						

4C						
Maximum Loading						
Start Date		08/24/15				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SW8724	P	P	P	P	
CPU1 A2	SW8725	P	P	P	P	
CPU1 B1	SW8726	P	P	P	P	
CPU1 B2	SW8727	P	P	P	P	
CPU1 C1	SW8728	P	P	P	P	
CPU1 C2	SW8729	P	P	P	P	
CPU1 D1	SW8730	P	P	P	P	
CPU1 D2	SW8731	P	P	P	P	
CPU2 E1	SW8732	P	P	P	P	
CPU2 E2	SW8733	P	P	P	P	
CPU2 F1	SW8734	P	P	P	P	
CPU2 F2	SW8735	P	P	P	P	
CPU2 G1	SW8736	P	P	P	P	
CPU2 G2	SW8737	P	P	P	P	
CPU2 H1	SW8738	P	P	P	P	
CPU2 H2	SW8739	P	P	P	P	