



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600WT (Wildcat Pass)	Test Result: Pass

Leveraged System(s): MCB2208WAF4, MCB2208WAF5, MCB2312WHY2, R1208WT2GSR, R1208WTTGS, R1208WTxxx, R1208WTTGSR, R1280WTTGSSPP, R1304WT2GS, R1304WT2GSR, R1304WTTGS, R1304WTxxx, R2000WTxxx, R1304WTTGSR, R2208WT2YS, R2208WTTYSR, R2208WTTTC1, R2208WTTTC1R, R2208WTTYS, R2208WTTYSR, R2224WTTYS, R2224WTTYSR, R2308WTTGS, R2308WTTYS, R2308WTTYSR, R2312WTTYS, R2312WTTYSR, R2312WTxxx, S2600WT, S2600WT2, S2600WT2R, S2600WTT, S2600WTTT, S2600WTTT1R

Modules Information

DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank	
Kingston	KSM24RS8/8MEI	RDIMM	1.2V	8GB	1Gx72	2400	17	D	SR	
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code		Register Vendor / Rev.		DIMM Composition				
Micron	MT40A1G8SA-075:E	8Gb		1024Mx8bit		1804		IDT	C0	(1024Mx8)*72

System Configuration

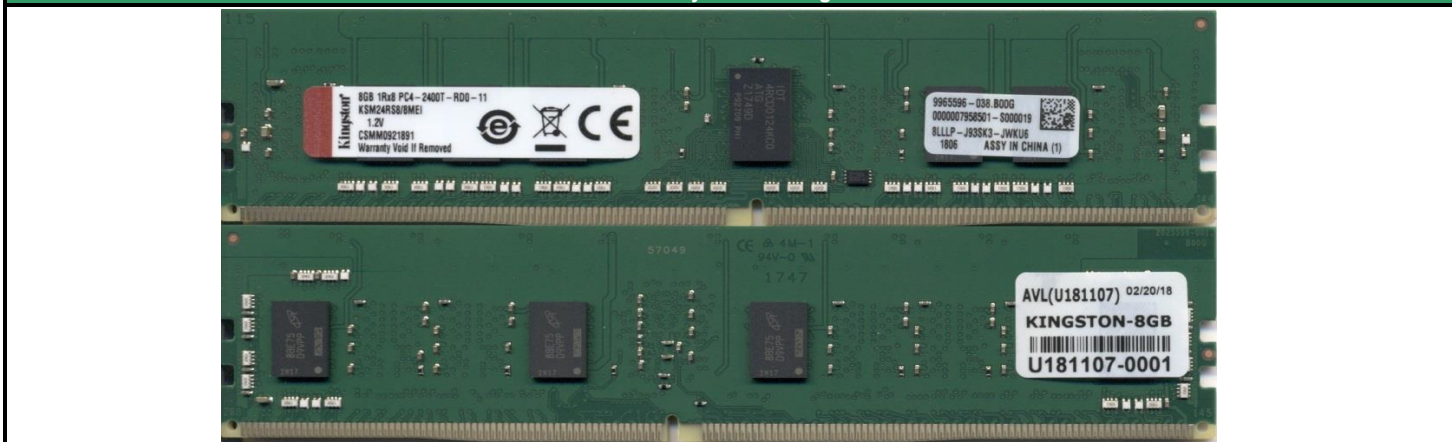
SETUP	System #1	System #2
AVL S/N	SV2346	SV2347
System S/N	BQWL42200131 / LVPP	BQWL42200377 / HVPP
Board Rev. (PBA)	G92187-300	
CPU Type	E5-2690 v4 / 2.60 GHz	
Chipset	C610	
BIOS	01.01.0024	
BMC / ME	01.50.10802 / 03.01.03.043	
FUR/SDR	1.17	
OS	Windows Server 2012 R2	
Test Tool	iVSS 2.7.0, SELViewer, 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: Pass
4. Memory Stress		HVDD/HVPP Cold: Pass
5. Memory Stress		LVDD/LVPP Hot: Pass
6. Memory Stress		LVDD/LVPP Cold: Pass
6. Power Cycle	Test each corner for 50 cycle in room temp	Pass

Note:

Memory Module Image



AVL USE ONLY:

Completed by:	Andy Chang	Completion Date:	05/23/2018	AVL A#	U181107	AVL W/O	WF0931
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Comments:

Test Results

4C					
Minimum Loading					
Start Date		5/7/2018			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	07-0005	P	P	P	P
CPU1 A2					
CPU1 A3					
CPU1 B1	07-0006	P	P	P	P
CPU1 B2					
CPU1 B3					
CPU1 C1	07-0007	P	P	P	P
CPU1 C2					
CPU1 C3					
CPU1 D1	07-0008	P	P	P	P
CPU1 D2					
CPU1 D3					
CPU2 E1	08-0003	P	P	P	P
CPU2 E2					
CPU2 E3					
CPU2 F1	08-0004	P	P	P	P
CPU2 F2					
CPU2 F3					
CPU2 G1	08-0005	P	P	P	P
CPU2 G2					
CPU2 G3					
CPU2 H1	08-0006	P	P	P	P
CPU2 H2					
CPU2 H3					
AC Power Cycling					
50 AC Cycles/corner		P	P	P	P

4C					
Middle Loading					
Start Date		05/07/18			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	07-0001	P	P	P	P
CPU1 A2	07-0002	P	P	P	P
CPU1 A3					
CPU1 B1	07-0003	P	P	P	P
CPU1 B2	07-0004	P	P	P	P
CPU1 B3					
CPU1 C1	07-0013	P	P	P	P
CPU1 C2	07-0012	P	P	P	P
CPU1 C3					
CPU1 D1	07-0011	P	P	P	P
CPU1 D2	07-0010	P	P	P	P
CPU1 D3					
CPU2 E1	08-0001	P	P	P	P
CPU2 E2	08-0002	P	P	P	P
CPU2 E3					
CPU2 F1	08-0007	P	P	P	P
CPU2 F2	08-0008	P	P	P	P
CPU2 F3					
CPU2 G1	08-0009	P	P	P	P
CPU2 G2	08-0010	P	P	P	P
CPU2 G3					
CPU2 H1	08-0011	P	P	P	P
CPU2 H2	08-0012	P	P	P	P
CPU2 H3					
AC Power Cycling					
50 AC Cycles/corner		P	P	P	P

4C					
Maximum Loading					
Start Date		5/7/2018			
DIMM Voltage		1.22v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	07-0001	P	P	P	P
CPU1 A2	07-0002	P	P	P	P
CPU1 A3	07-0003	P	P	P	P
CPU1 B1	07-0004	P	P	P	P
CPU1 B2	07-0005	P	P	P	P
CPU1 B3	07-0006	P	P	P	P
CPU1 C1	07-0007	P	P	P	P
CPU1 C2	07-0008	P	P	P	P
CPU1 C3	07-0009	P	P	P	P
CPU1 D1	07-0010	P	P	P	P
CPU1 D2	07-0011	P	P	P	P
CPU1 D3	07-0012	P	P	P	P
CPU2 E1	08-0001	P	P	P	P
CPU2 E2	08-0002	P	P	P	P
CPU2 E3	08-0003	P	P	P	P
CPU2 F1	08-0004	P	P	P	P
CPU2 F2	08-0005	P	P	P	P
CPU2 F3	08-0006	P	P	P	P
CPU2 G1	08-0007	P	P	P	P
CPU2 G2	08-0008	P	P	P	P
CPU2 G3	08-0009	P	P	P	P
CPU2 H1	08-0010	P	P	P	P
CPU2 H2	08-0011	P	P	P	P
CPU2 H3	08-0012	P	P	P	P
AC Power Cycling					
50 AC Cycles/corner		P	P	P	P