



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

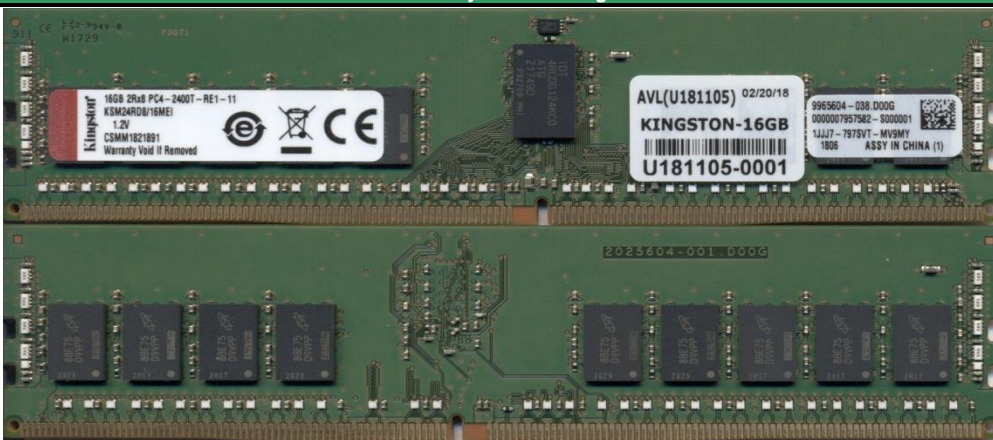
Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KSM24RD8/16MEI	RDIMM	1.2V	16GB	2Gx72	2400	17	E	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Micron	MT40A1G8SA-075:E	8Gb 1024Mx8bit 1804			IDT C0		(1024Mx8)*2*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
4. Memory Stress		HVDD/HVPP Cold
5. Memory Stress		LVDD/LVPP Hot
6. Memory Stress		LVDD/LVPP Cold
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:	05/04/2018	AVL A#	U181105	AVL W/O	WF0915

Comments:

Test Results

4C					
Minimum Loading					
Start Date		4/16/2018			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	65-0008	P	P	P	P
CPU1 A2					
CPU1 A3					
CPU1 B1	65-0011	P	P	P	P
CPU1 B2					
CPU1 B3					
CPU1 C1	05-0003	P	P	P	P
CPU1 C2					
CPU1 C3					
CPU1 D1	05-0006	P	P	P	P
CPU1 D2					
CPU1 D3					
CPU2 E1	66-0001	P	P	P	P
CPU2 E2					
CPU2 E3					
CPU2 F1	66-0004	P	P	P	P
CPU2 F2					
CPU2 F3					
CPU2 G1	06-0005	P	P	P	P
CPU2 G2					
CPU2 G3					
CPU2 H1	06-0008	P	P	P	P
CPU2 H2					
CPU2 H3					
AC Power Cycling					
50 AC Cycles/corner		P	P	P	P

4C					
Middle Loading					
Start Date		04/16/18			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	65-0008	P	P	P	P
CPU1 A2	65-0009	P	P	P	P
CPU1 A3					
CPU1 B1	65-0011	P	P	P	P
CPU1 B2	65-0012	P	P	P	P
CPU1 B3					
CPU1 C1	05-0003	P	P	P	P
CPU1 C2	05-0004	P	P	P	P
CPU1 C3					
CPU1 D1	05-0006	P	P	P	P
CPU1 D2	05-0007	P	P	P	P
CPU1 D3					
CPU2 E1	66-0001	P	P	P	P
CPU2 E2	66-0002	P	P	P	P
CPU2 E3					
CPU2 F1	66-0004	P	P	P	P
CPU2 F2	66-0005	P	P	P	P
CPU2 F3					
CPU2 G1	06-0005	P	P	P	P
CPU2 G2	06-0006	P	P	P	P
CPU2 G3					
CPU2 H1	06-0008	P	P	P	P
CPU2 H2	06-0009	P	P	P	P
CPU2 H3					
AC Power Cycling					
50 AC Cycles/corner		P	P	P	P

4C					
Maximum Loading					
Start Date		4/16/2018			
DIMM Voltage		1.22v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	65-0008	P	P	P	P
CPU1 A2	65-0009	P	P	P	P
CPU1 A3	65-0010	P	P	P	P
CPU1 B1	65-0011	P	P	P	P
CPU1 B2	65-0012	P	P	P	P
CPU1 B3	65-0013	P	P	P	P
CPU1 C1	05-0003	P	P	P	P
CPU1 C2	05-0004	P	P	P	P
CPU1 C3	05-0005	P	P	P	P
CPU1 D1	05-0006	P	P	P	P
CPU1 D2	05-0007	P	P	P	P
CPU1 D3	05-0008	P	P	P	P
CPU2 E1	66-0001	P	P	P	P
CPU2 E2	66-0002	P	P	P	P
CPU2 E3	66-0003	P	P	P	P
CPU2 F1	66-0004	P	P	P	P
CPU2 F2	66-0005	P	P	P	P
CPU2 F3	66-0006	P	P	P	P
CPU2 G1	06-0005	P	P	P	P
CPU2 G2	06-0006	P	P	P	P
CPU2 G3	06-0007	P	P	P	P
CPU2 H1	06-0008	P	P	P	P
CPU2 H2	06-0009	P	P	P	P
CPU2 H3	06-0010	P	P	P	P
AC Power Cycling					
50 AC Cycles/corner		P	P	P	P