



### Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: <b>Intel S2600TP (Taylor Pass)</b>	Test Result: <b>Pass</b>

Leveraged System(s): S2600TPNR, HNS2600TP, HNS2600TP24R, HNS2600TP24SR, HNS2600TPF, HNS2600TPFR, HNS2600TPNR, HNS2600TPR, S2600TP, S2600TPF, S2600TPFR, S2600TPR

#### Modules Information

DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KSM26LQ4/64HCM	LRDIMM	1.2V	64GB	8Gx72	2666	19	D2	QR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
SK Hynix	H5ANAG4NCPR-VKC	8Gb 2048Mx4bit 1913			Montage A0		(2048Mx4)*4*72		

#### 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	E5-2690 v4 / 2.60 GHz	
Chipset	C610	
BIOS	01.01.0028	
BMC / ME	01.56 / 051	
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 <b>Pass</b>
4. Memory Stress		HVDD/HVPP Cold <b>Pass</b>
5. Memory Stress		LVDD/LVPP Hot <b>Pass</b>
6. Memory Stress		LVDD/LVPP Cold <b>Pass</b>
Note:		

#### Memory Module Image



#### AVL USE ONLY:

Completed by:	Andy Chang	Completion Date:	08/15/2019	AVL A#	U191257	AVL W/O	WF2502
Comments:							

#### Test Results

4C Minimum Loading						
Start Date		8/1/2019				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	56-013	P	P	P	P	
CPU1 A2						
CPU1 B1	56-014	P	P	P	P	
CPU1 B2						
CPU1 C1	56-015	P	P	P	P	
CPU1 C2						
CPU1 D1	56-016	P	P	P	P	
CPU1 D2						
CPU2 E1	57-013	P	P	P	P	
CPU2 E2						
CPU2 F1	57-014	P	P	P	P	
CPU2 F2						
CPU2 G1	57-015	P	P	P	P	
CPU2 G2						
CPU2 H1	57-016	P	P	P	P	
CPU2 H2						

4C Maximum Loading						
Start Date		8/1/2019				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	56-013	P	P	P	P	
CPU1 A2	56-014	P	P	P	P	
CPU1 B1	56-015	P	P	P	P	
CPU1 B2	56-016	P	P	P	P	
CPU1 C1	56-017	P	P	P	P	
CPU1 C2	56-018	P	P	P	P	
CPU1 D1	56-019	P	P	P	P	
CPU1 D2	56-020	P	P	P	P	
CPU2 E1	57-013	P	P	P	P	
CPU2 E2	57-014	P	P	P	P	
CPU2 F1	57-015	P	P	P	P	
CPU2 F2	57-016	P	P	P	P	
CPU2 G1	57-017	P	P	P	P	
CPU2 G2	57-018	P	P	P	P	
CPU2 H1	57-019	P	P	P	P	
CPU2 H2	57-020	P	P	P	P	