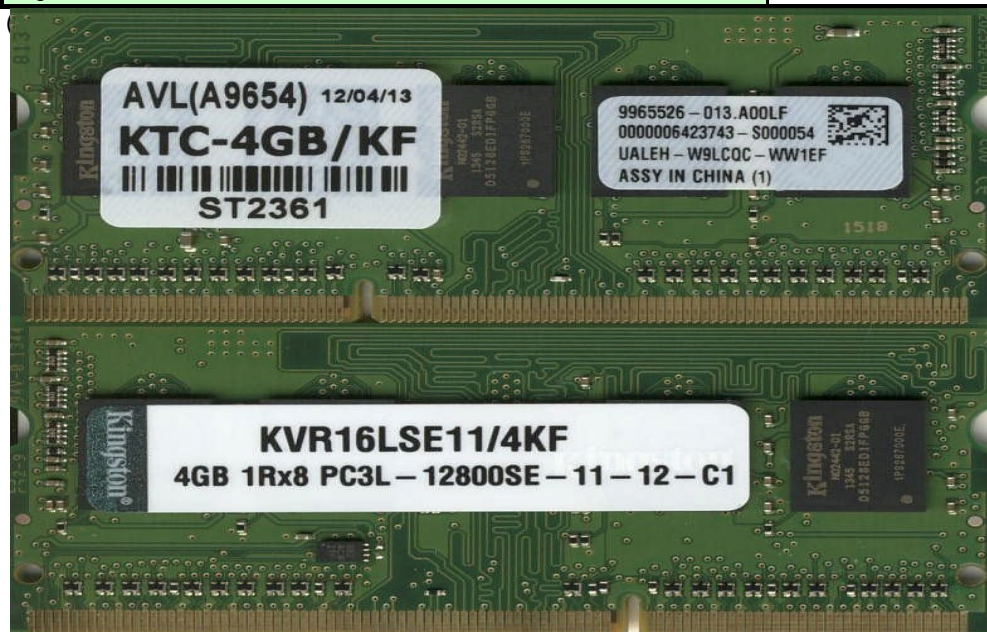


	<b>AVL Supermicro server platform Memory Module Qualification Test</b>		
	<b>INTEL ATOM C2750, System-on-Chip</b>	<b>Test Results</b>	<b>Pass</b>
	<b>PN: KVR16LSE11/4KF (4GB SO-DIMM / ECC ) On: A1SAi-A1SRi Rev.123456789</b>		

RP77D3x-106-KI-SQ-SMC-V2		Module Information		Rev 05/30/2012
AVL WorkOrder #	WC9410	AVL A#	9654	
Start Date	12/6/2013	End Date	12/9/2013	
Tested By	Van N.			
Module Manufacturer	Kingston			
Module Part Number	KVR16LSE11/4KF			
Module BOM Number	9965526-013.A00LF			
Module Capacity / Memory Type / ECC	4GB SO-DIMM / ECC			
Module Configuration (Width, # of devices, # of Ranks)	512Mx72 /9 Devices / 1 Rank			
Module Speed (Data rate of Mbps, CL-tRP-tRCD)	DDR3L-1600 /11-11-11			
DRAM Device Vendor	Kingston			
DRAM Device Part Number / Date code	D5128ED1FPGGB		1345	
DRAM Die Revision / Process Technology ( nm )	F			
DRAM Device Config (Density / Width)	512Mbit / x8		512Mx8bit	
Thermal Sensor Device Vendor / Part Number / Revision	IDT			
Register Device Vendor / Part Number / Revision	N/A		N/A	



Platform System Information				
Motherboard Info (Model# & MB Revision & MB S/N & AVL S/N)	A1SAi-A1SRi	123456789	1	SS8798
BIOS Revision / BIOS Date	1.0A		10/24/2013	
CPU / Speed	INTEL ATOM C2750		2.4GHZ	
Chipset info (Stepping)	System-on-Chip			


**AVL Supermicro server platform Memory Module Qualification Test**
**INTEL ATOM C2750, System-on-Chip**
**PN: KVR16LSE11/4KF (4GB SO-DIMM / ECC ) On: A1SAi-A1SRi Rev.123456789**
**Test Results:**
**PASS**
*Comments:*
**AVL Memory Module Qual Test Results Summary**

Test # and name	Test Description	Specs	Test	Comments
			Results	
<b>1. Latest BIOS Upgrade &amp; Configuration</b>	Download / Upgrade latest BIOS & record size and speed detection		<b>Done</b>	
<b>2. SPD Check</b>	Memory module SPD content check for JEDEC compliance	JEDEC	<b>Pass</b>	Use proprietary tools
<b>3. Reset Cycle</b>	Run Linux based diags & utility software @ 55°C	50 loops	<b>Pass</b>	1 DIMM Per Channel when applicable
<b>4a. Stress Application Test</b>	Run Linux based diags & utility software @55°C	8 Hour per config	<b>Pass</b>	DIMM Loading per spec
<b>4b. Stream Benchmark Test</b>		5 loop per config	<b>Done</b>	DIMM Loading per spec
<b>4b. Reset Cycle</b>		200 loop per config	<b>Pass</b>	DIMM Loading per spec
<b>5. Functional Stress Test</b>	Memory Stress Test @55°C	12hrs	<b>Pass</b>	DIMM Loading per spec
<b>6. Stress Application Test</b>	Run Linux based diags & utility software @55°C	8hrs	<b>N/A</b>	3 DIMM Per Channel when applicable

Note: All test under IMC Vdd=Nom, Vref=Vddnom/2