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### S1200BT Bearthooth Memory Compatibility Test Report

<b>Completed by:</b>	Mike H.	<b>TEMPERATURE AND VOLTAGE SETTINGS</b>				
<b>Completion Date:</b>	4/10/2015	Corner	Temp (°C)	CPU 1 Modify DRAM 1.5v to	CPU 0 Modify DRAM 1.5v to	Duration
<b>AVL WorkOrder #</b>	<b>WD2931</b>	A	55°C	1.55v	1.55v	6 hrs.
<b>AVL A#</b>	<b>A10339</b>	B	0°C	1.55v	1.55v	6 hrs.
		C	55°C	1.45v	1.45v	6 hrs.
		D	0°C	1.45v	1.45v	6 hrs.

#### Memory Modules Tested

Vendor	DIMM P/N / Type	Voltage	Size	Density	Speed	CL	R/C	Rank	
Kingston	KVR16LE11/8I	UDIMM ECC	1.35v	8GB	1Gx72	1600	11	E 2	
DRAM Vendor / P/N / Date Code		DRAM Density / Width		Register Vendor / Rev.		DIMM Composition			
Hynix	H5TC4G83BFR-PBA	1444	4Gb	512Mx8bit			(512Mx8)x2*72		

#### Leveraged Memory Modules

Vendor	Type	Voltage	CL	Speed
1 Kingston	KVR16E11/8I	UDIMM ECC	1.5v	11 1600
2				
3				

#### System Configuration

SETUP	Red	Blue
AVL S/N	SP4661	SP2701
S/N	QSBT21308879	QSBT20800317
PBA	E98683-352	E98681-351
BMC	01.17.5256	
BIOS	S1200BT.86B.02.01.0041	
SDR	1.16	
OS	Win2K8 Enterprise 64bit	
Test Tool	iWVSS 2.0.1, SELViewer, PvMode tool, PIRA	
CPU 1	Type	
	E31245 v2 / 3.40GHz	E31245 v2 / 3.40GHz
	206a7	206a7

#### Test Results

4C						
Minimum Loading						
Start Date		3/4/2015				
DIMM	S/N	A	B	C	D	
CPU1 A2						
CPU1 A1	SV6374	P	P	P	P	
CPU1 B2						
CPU1 B1	SV6375	P	P	P	P	
AC/DC Power Cycling						
50 AC Cycles/corner		P				P
50 DC Cycles/corner		P				P

4C						
Mid Loading						
Start Date		4/1/2015				
DIMM	S/N	A	B	C	D	
CPU1 A2	SV6374	P	P	P	P	
CPU1 A1	SV6375	P	P	P	P	
CPU1 B2	SV6376	P	P	P	P	
CPU1 B1	SV6377	P	P	P	P	
AC/DC Power Cycling						
50 AC Cycles/corner		P				P
50 DC Cycles/corner		P				P

Module Image



KVR16LE11/8I

AVL(A10339) 12/12/14

**KTC-8GB**

SV6357

9965525-139.A0DLF  
000006822290-S000128  
HCLVN-F9LCK7-WWX26  
ASSY IN CHINA (1)

Kingston

SKhynix  
H5TC4GB3BF8  
PBA 444US  
200909031013

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H5TC4GB3BF8  
PBA 444US  
200909031013

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