

# SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS	
S2600WT2	INTEL®	Intel® C612	SMTL0304	PASS	
<b>Module Information</b>					
Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR4 Registered ECC DIMM		
Manufacturer P/N:	SH2047RD410451-SD/HA/HM	CAS Latency:	C15-15-15		
Memory Capacity:	16GB	Assembly Type:	SINGLE BOARD NON STACKED		
Module Configuration:	12 PER CPU/24 TOTAL	Low Profile:	NO		
DRAM Supplier:	SAMSUNG/HYNIX/HYNIX	Register P/N:	IDT 4RCD0124KC0 ATG		
DRAM Part Number:	K4A8GO45WB PCPB	PLL P/N:	N/A		
DRAM Part Number:	H5AN4G4NAFR TFC	Dual Die Package:	MONOLITHIC		
DRAM Part Number:	H5AN4G4NMFR TFC	Comment:			
<b>MINIMUM SYSTEM INFORMATION</b>		<b>MAXIMUM SYSTEM INFORMATION</b>			
System Name:	S2600WT2	System Name:	S2600WT2		
Serial Number:	BQWL445030B	Serial Number:	BQWL445030B		
BIOS Version:	0.05	BIOS Version:	0.05		
Processor Code:	INTEL® XEON® E5-2650 V3	Processor Code:	INTEL® XEON® E5-2650 V3		
OS Memory Size:	64GB	OS Memory Size:	128GB / 192GB		
OS Version:	LINUX 3.8.1.x86_64	OS Version:	LINUX 3.8.1.x86_64		
Test Version:	INTEL® XLINPACK 11.0.3	Test Version:	INTEL® XLINPACK 11.0.3		
Comment:		Comment:			
<b>PRE-TESTING INFORMATION</b>		<b>TESTING DETAILS LIGHT 1DPC</b>		<b>TESTING DETAILS HEAVY 2/3DPC</b>	
Board Revision:	REV 1.01	Temperature:	25C	Time:	12HRS
Insertion Test:	PASS	Start Date:	8/17/2015	Start Date:	8/18/2015
SPD Check:	PASS	Stop Date:	8/18/2015	Stop Date:	8/20/2015
DDR Speed Check:	PASS	HPL Test Status:	PASS	HPL Test Status:	PASS
Boot Time:	1 MIN	Speed / Volts Light:	2133 / 1.2V	DDR Speed Heavy:	1866 / 1.2V
				DDR Speed Heavy:	1600 / 1.2V
<b>Voltage Margining Info</b>		Summary Min:	P	Summary Max 2DPC:	P
Volt %	+/-3%			Summary Max 3DPC:	P
Volt Low	1.16 volt				
Volt High	1.24 volt				
		Test Status:	PASS	Test Status:	PASS
<b>Serial Number Slot Tested</b>					
A1) SFR2015081423745SD	A2) SFR2015081423757HA	A3) SFR2015081423752HM	B1) SFR2015081423746SD		
B2) SFR2015081423751HM	B3) SFR2015081423758HA	C1) SFR2015081423756HA	C2) SFR2015081423745SD		
C3) SFR2015081423750HM	D1) SFR2015081423753HM	D2) SFR2015081423755HA	D3) SFR2015081423745SD		
<b>CONTACT INFORMATION</b>					
Contact:	Arthur Sainio	Phone:	1-510-624-8126	e-mail:	<a href="mailto:arthur.sainio@smartm.com">arthur.sainio@smartm.com</a>
Test Traveler Notes:				VERIFICATION	
MIX MODULE TEST; SYSTEM VOLTAGE SET AT 1.2 VOLTS NOMINAL MB has 24 slots (3DPC). 12 DIMMs per CPU. 1 CPU USED For tested DIMMs; Light is 4 DIMMs (1DPC). Heavy is 8 (2DPC) and 12 (3DPC).				Verified by: ARTHUR SAINIO	
Test Technician: Mark Durand					

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