

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
S2600WT2	INTEL®	Intel® C612	SMTL0303	PASS
Module Information				
Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR4 Registered ECC DIMM	
Manufacturer P/N:	SH2047RD420451-SB	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	Register P/N:	IDT 4RCD0124KC0 ATG	
DRAM Part Number:	K4A8GO45WB PCPB	PLL P/N:	N/A	
PCB Part Number:	M393A2K40BB0-V08	Dual Die Package:	MONOLITHIC	
PCB Layer Count:	6	Comment:		
MINIMUM SYSTEM INFORMATION		MAXIMUM SYSTEM INFORMATION		
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:	128GB	OS Memory Size:	256GB	
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:		
PRE-TESTING INFORMATION		TESTING DETAILS VOLT NOMINAL		TESTING DETAILS VOLT NOMINAL
Board Revision:	REV 1.01	Temperature:	45C	Time: 12HRS
Insertion Test:	PASS	Start Date:	6/3/2015	Temperature: 0C
SPD Check:	PASS	Stop Date:	6/4/2015	Time: 12HRS
DDR Speed Check:	PASS	HPL Test Status:	PASS	Start Date:
Boot Time:	1 MIN	Speed / Volts Light:	2133 / 1.2V	Stop Date:
		Speed / Volts Heavy:	1866 / 1.2V	6/5/2015
		Summary Min:	P	HPL Test Status:
		Summary Max:	P	PASS
Voltage Margining Info				DDR Speed Light:
Volt %	+/-3%			2133 / 1.2V
Volt Low	1.16 volt			DDR Speed Heavy:
Volt High	1.24 volt			1866 / 1.2V
		Test Status:	PASS	Summary Min:
				P
				Summary Max:
				P
				Test Status:
				PASS
Serial Number List				
1) SFR2015060204842	2) SFR2015060204843	3) SFR2015060204844	4) SFR2015060204845	
5) SFR2015060204847	6) SFR2015060204848	7) SFR2015060204849	8) SFR2015060204850	
9) SFR2015060204851	10) SFR2015060204852	11) SFR2015060204853	12) SFR2015060204855	
13) SFR2015060204856	14) SFR2015060204857	15) SFR2015060204858	16) SFR2015060204859	
CONTACT INFORMATION				
Contact:	Arthur Sainio	Phone:	1-510-624-8126	e-mail: arthur.sainio@smartm.com
Test Traveler Notes:			VERIFICATION	
SYSTEM VOLTAGE SET AT 1.2 VOLTS NOMINAL			Verified by: ARTHUR SAINIO	
MB has 24 slots (3DPC). For tested DIMM, heavy is 16 DIMM (2DPC) & light is 8 DIMM (1DPC).				
Test Technician:	Mark Durand			

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