SMART Memory Test Lab Report

MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
X10DAC	SUPERMICRO®	Intel® C612	SMTL0321	PASS

Module Information

Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR4 Registered ECC DIMM
Manufacturer P/N:	SH2047RD420472-SB	CAS Latency:	C16-16-16 @ 2400
Memory Capacity:	16GB	Assembly Type:	SINGLE BOARD NON STACKED
Module Configuration:	8 PER CPU/16 TOTAL	Low Profile:	NO
DRAM Supplier:	SAMSUNG	Register P/N:	IDT 4RCD0124KC0 ATG
DRAM Part Number:	K4A8G04 5WB BCRC	PLL P/N:	N/A
PCB Part Number:	M393A2K40BB1-V05	Dual Die Package:	MONOLITHIC
PCB Layer Count:	6	Comment:	

MINIMUM SYSTEM INFORMATION		MAXIMUM SYSTEM INFORMATION	
System Name:	X10DAC	System Name:	X10DAC
Serial Number:	NM14S01D712	Serial Number:	NM14S01D712
BIOS Version:	1.01	BIOS Version:	1.01
Processor Code:	INTEL® XEON E5-2608L V3	Processor Code:	INTEL® XEON E5-2608L V3
OS Memory Size:	128GB	OS Memory Size:	256GB
OS Version:	LINUX 3.8.1x86_64	OS Version:	LINUX 3.8.1.x86_64
Test Version:	R4.1C HPL LINPACK_11.0.3	Test Version:	R4.1C HPL LINPACK_11.0.3
Comment:		Comment:	

PRE-TESTING INFORMATION		TESTING DETAILS VOLT NOMINAL				TESTING DETAILS VOLT NOMINAL			
Board Revision:	REV 1.02	Temperature:	40C	Time:	12Hr	Temperature:	0C	Time:	12Hr
Insertion Test:	PASS	Start Date:		1/14/2017		Start Date:		1/14/2017	
SPD Check:	PASS	Stop Date:		1/17/2016		Stop Date:		1/17/2017	
DDR Speed Check:	PASS	HPL Test Status:		PASS		HPL Test Status:		PASS	
Boot Time:	1 MIN	Speed / Volts Light:		1866 / 1.2V		DDR Speed Light:		1866 / 1.2V	
		Speed / Volts Heavy:		1866 / 1.2V		DDR Speed Heavy:		1866 / 1.2V	
		Summary Min:		P		Summary Min:		P	
Voltage Margining Info		Summary Max:		P		Summary Max:		P	
Volt %									
Volt Low									
Volt High		Test Status:		PASS		Test Status:		PASS	

Serial Number List

1) SFR2016111489730	2) SFR2016111489731	3) SFR2016111489732	4) SFR2016111489733
5) SFR2016111489734	6) SFR2016111489735	7) SFR2016111489736	8) SFR2016111489737
9) SFR2016111489738	10) SFR2016111489740	11) SFR2016111489741	12) SFR2016111489742
13) SFR2016111489743	14) SFR2016111489744	15) SFR2016111489745	16) SFR2016111489747
17)	18)	19)	20)
21)	22)	23)	24)

CONTACT INFORMATION

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Test Traveler Notes:	VERIFICATION
PC4 19200 SYSTEM VOLTAGE SET AT 1.2 VOLTS NOMINAL	Verified by: ARTHUR SAINIO
Light DDR Speed @ 1.2 Volt: 17.23A 1866MHz/PC4 14900 Heavy DDR Speed @ 1.2 Volt: 25.38A 1866MHz/PC4 14900	
Test Technician: Mark Durand	

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