

SMART Memory Test Lab Report

MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
X10DRi	SUPERMICRO®	Intel® C612	SMTL0372	PASS
Module Information				
Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR4 Registered ECC DIMM	
Manufacturer P/N:	ST2047RD420493-HC	CAS Latency:	C18-18-18 @ 2666	
Memory Capacity:	16GB	Assembly Type:	SINGLE BOARD NON STACKED	
Module Configuration:	8 PER CPU/16 TOTAL	Low Profile:	NO	
DRAM Supplier:	SKHYNIX	Register P/N:	INPHI iDDR4RCD2 GS02	
DRAM Part Number:	H5AN8G4NCJR VKC	PLL P/N:	N/A	
PCB Part Number:	1721-1E	Dual Die Package:	MONOLITHIC	
PCB Layer Count:	6	Comment:		
MINIMUM SYSTEM INFORMATION		MAXIMUM SYSTEM INFORMATION		
System Name:	X10DRi	System Name:	X10DRi	
Serial Number:	NM16151S020925	Serial Number:	NM16151S020925	
BIOS Version:	2.6	BIOS Version:	2.6	
Processor Code:	INTEL® XEON E5-2618L V4	Processor Code:	INTEL® XEON E5-2618L V4	
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:	R4.1D HPL LINPACK_11.0.3	Test Version:	R4.1D HPL LINPACK_11.0.3	
Comment:		Comment:		
PRE-TESTING INFORMATION		TESTING DETAILS VOLT NOMINAL		TESTING DETAILS VOLT NOMINAL
Board Revision:	REV 1.02B	Temperature:	40C	Time: 12Hr
Insertion Test:	PASS	Start Date:	2/27/2019	
SPD Check:	PASS	Stop Date:	2/28/2019	
DDR Speed Check:	PASS	HPL Test Status:	PASS	
Boot Time:	1 MIN	Speed / Volts Light:	2133 / 1.2V	
		Speed / Volts Heavy:	2133 / 1.2V	
		Summary Min:	P	
		Summary Max:	P	
Voltage Margining Info				
Volt %				
Volt Low				
Volt High		Test Status:	PASS	
		Test Status:	PASS	
Serial Number List				
1) SFR2018101736566	2) SFR2018101736567	3) SFR2018101736568	4) SFR2018101736569	
5) SFR2018101736570	6) SFR2018101736571	7) SFR2018101736572	8) SFR2018101736573	
9) SFR2018101736574	10) SFR2018101736575	11) SFR2018101736576	12) SFR2018101736577	
13) SFR2018101736578	14) SFR2018101736579	15) SFR2018101736580	16) SFR2018101736590	
17) _____	18) _____	19) _____	20) _____	
21) _____	22) _____	23) _____	24) SMTL 13	
CONTACT INFORMATION				
Contact:	Arthur Sainio	Phone:	1-510-624-8126	e-mail: arthur.sainio@smartm.com
Test Traveler Notes:			VERIFICATION	
PC4 17000 SYSTEM VOLTAGE SET AT 1.2 VOLTS NOMINAL			Verified by: ARTHUR SAINIO	
Light DDR Speed @ 1.2 Volt: 22.78A 2133MHz/PC4 17000				

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