

# SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
X9DRD-7LN4F	SUPERMICRO®	INTEL® C602J	SMTL0305	PASS

Module Information			
Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR3 Registered ECC DIMM
Manufacturer P/N:	SH5127RD351838SE	CAS Latency:	C13-13-13
Memory Capacity:	4GB	Assembly Type:	SINGLE BOARD NON STACKED
Module Configuration:	8 PER CPU/16 TOTAL	Low Profile:	NO
DRAM Supplier:	SAMSUNG	Register P/N:	IDT SSTE32882KA AKG
DRAM Part Number:	K4B4G0846E BYMA	PLL P/N:	N/A
PCB Part Number:	D3R18A-A1	Dual Die Package:	MONOLITHIC
PCB Layer Count:	6	Comment:	

MINIMUM SYSTEM INFORMATION		MAXIMUM SYSTEM INFORMATION	
System Name:	X9DRD-7LN4F	System Name:	X9DRD-7LN4F
Serial Number:	1240A102PDWUS42P069	Serial Number:	1240A102PDWUS42P069
BIOS Version:	3.0a	BIOS Version:	3.0a
Processor Code:	INTEL® XEON® E5-2680 V2	Processor Code:	INTEL® XEON® E5-2680 V2
OS Memory Size:	32GB	OS Memory Size:	N/A
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 1.02	Temperature:	45C	Time:	12HRS
Insertion Test:	PASS	Start Date:	9/11/2015	Start Date:	9/12/2015
SPD Check:	PASS	Stop Date:	9/11/2015	Stop Date:	9/12/2015
DDR Speed Check:	PASS	HPL Test Status:	PASS	HPL Test Status:	PASS
Boot Time:	1 MIN	Speed / Volts Light:	1866 / 1.5V	Speed / Volts Light:	1866 / 1.5V
		Speed / Volts Heavy:		Speed / Volts Heavy:	
		Summary Min:	P	Summary Min:	P
		Summary Max:		Summary Max:	
<b>Voltage Margining Info</b>					
Volt %	+/-3%				
Volt Low	1.55 volt				
Volt High	1.45 volt				
		Test Status:	PASS	Test Status:	PASS

Serial Number List			
1) SFR2015071600374	2) SFR2015071600376	3) SFR2015071600377	4) SFR2015071600378
5) SFR2015071600379	6) SFR2015071600380	7) SFR2015071600381	8) SFR2015071600392
9) _____	10) _____	11) _____	12) _____
13) _____	14) _____	15) _____	16) _____

CONTACT INFORMATION		
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
SYSTEM VOLTAGE SET AT 1.5 VOLTS NOMINAL LIGHT TESTED 8 MODULES MB has 16 slots (2DPC). For tested DIMM, heavy is 16 DIMM (2DPC) & light is 8 DIMM (1DPC).	Verified by: ARTHUR SAINIO

Test Technician:	Mark Durand
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