

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
X9DR3-F	SUPERMICRO	Intel® C606	SMTL0277	PASS

Module Information			
Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR3 Registered ECC DIMM
Manufacturer P/N:	SG2567RV325816MK	CAS Latency:	C999
Memory Capacity:	2GB	Assembly Type:	SINGLE BOARD NON STACKED
Module Configuration:	8 PER CPU/16 TOTAL	Low Profile:	NO
DRAM Supplier:	MICRON	Register P/N:	IDT SSTE32882KA1 AKG
DRAM Part Number:	3AK72 D9PSH	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:	X9DR3-F	System Name:	X9DR3-F
Serial Number:	VM2BS52974	Serial Number:	VM2BS52974
BIOS Version:	AMI 1.1 10/03/2012	BIOS Version:	AMI 1.1 10/03/2012
Processor Code:	INTEL® XEON® E5-2648L	Processor Code:	INTEL® XEON® E5-2648L
OS Memory Size:	16GB	OS Memory Size:	32GB
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 NOMINAL VOLT		TESTING DETAILS FOR VOLT HIGH	
Board Revision:	1.02	Temperature:	45C	Time:	12HRS
Insertion Test:	PASS	Start Date:	10/28/2013	Start Date:	
SPD Check:	PASS	Stop Date:	10/29/2013	Stop Date:	
DDR Speed Check:	PASS	HPL Test Status:	PASS	HPL Test Status:	
Boot Time:	1 MIN	Speed / Volts Light:	1333 / 1.35	DDR Speed Light:	
		Speed / Volts Heavy:	1333 / 1.35	DDR Speed Heavy:	
		Summary Min:	P	Summary Min:	
		Summary Max:	P	Summary Max:	
Voltage Margining Info		System tested without voltage Margining.		System tested without voltage Margining.	
Volt %	+/-3%	Test Status:	PASS	Test Status:	
Volt Low	1.31 volt				
Volt High	1.39 volt				

Serial Number List			
1) SFR2013052800458	2) SFR2013052800459	3) SFR2013052800461	4) SFR2013052800462
5) SFR2013052800463	6) SFR2013052800464	7) SFR2013052800465	8) SFR2013052800466
9) SFR2013052800467	10) SFR2013052800468	11) SFR2013052800469	12) SFR2013052800470
13) SFR2013052800471	14) SFR2013052800474	15) SFR2013052800475	16) SFR2013052800476

CONTACT INFORMATION			
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		e-mail:	arthur.sainio@smartm.com

POWER MEASUREMENTS MAX CURRENT	VERIFICATION
Light DDR Speed @ Volt: 3.66A 1333MHz @ 1.35V	Verified by: Jim Schwarz
Heavy DDR Speed @ Volt: 6.51A 1333 MHz @ 1.35V	
Modules are 1600MHz; BIOS Downgrades to 1333MHz for 1.35V	
Test Technician: Mark Durand	

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