

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
X9DBU-3F	SUPERMICRO®	Intel® C606	SMTL0327	PASS

Module Information			
Manufacturer Name:	SMART MODULAR TECH®	Module Type:	DDR3 Registered ECC DIMM
Manufacturer P/N:	SH1027RV351816SE	CAS Latency:	C999
Memory Capacity:	8GB	Assembly Type:	SINGLE BOARD NON STACKED
Module Configuration:	6 PER CPU/12 TOTAL	Low Profile:	NO
DRAM Supplier:	SAMSUNG	Register P/N:	IDT SSTE32882KA1 AKG
DRAM Part Number:	K4B4G0846E BYK0	PLL P/N:	N/A
PCB Part Number:	D3R288-B1	Dual Die Package:	MONOLITHIC
PCB Layer Count:	6	Comment:	PC3 12800

MINIMUM SYSTEM INFORMATION		MAXIMUM SYSTEM INFORMATION	
System Name:	X9DBU-3F	System Name:	X9DBU-3F
Serial Number:	OM27S30151	Serial Number:	OM27S30151
BIOS Version:	AMI 1.00 05/11/2012	BIOS Version:	AMI 1.00 05/11/2012
Processor Code:	INTEL® XEON® E5-2448L	Processor Code:	INTEL® XEON® E5-2448L
OS Memory Size:	48GB	OS Memory Size:	96GB
OS Version:	Linux OS 4.3.1	OS Version:	Linux OS 4.3.1
Test Version:	R4.1B-DDR3	Test Version:	R4.1B-DDR3
Comment:		Comment:	

PRE-TESTING INFORMATION	TESTING DETAILS VOLT NOMINAL	TESTING DETAILS VOLT NOMINAL
Board Revision: 1.10	Temperature: 45C	Temperature: 0C
Insertion Test: PASS	Time: 12HRS	Time: 12HRS
SPD Check: PASS	Start Date: 2/24/2017	Start Date: 2/24/2017
DDR Speed Check: PASS	Stop Date: 2/28/2017	Stop Date: 2/28/2017
Boot Time: 1 MIN	HPL Test Status: PASS	HPL Test Status: PASS
	Speed / Volts Light: 1333 / 1.35	DDR Speed Light: 1333 / 1.35
	Speed / Volts Heavy: 1333 / 1.35	DDR Speed Heavy: 1333 / 1.35
	Summary Min: P	Summary Min: P
	Summary Max: P	Summary Max: P
Voltage Margining Info		
Volt % +/-3%		
Volt Low	System tested without voltage Margining.	System tested without voltage Margining.
Volt High	Test Status: PASS	Test Status: PASS

Serial Number List			
1) SPG2017021502114	2) SPG2017021502115	3) SPG2017021502120	4) SPG2017021502121
5) SPG2017021502123	6) SPG2017021502124	7) SPG2017021502125	8) SPG2017021502127
9) SPG2017021502128	10) SPG2017021502129	11) SPG2017021502130	12) SPG2017021502133
13) _____	14) _____	15) _____	16) _____
17) _____	18) _____	19) _____	20) _____
21) _____	22) _____	23) _____	24) _____

CONTACT INFORMATION		
Contact: Arthur Sainio	Phone: 1-510-624-8126	e-mail: arthur.sainio@smartm.com
Test Traveler Notes:		VERIFICATION
Light DDR Speed @ Volt: 6.72A 1333MHz @ 1.35V Heavy DDR Speed @ Volt: 12.56A 1333 MHz @ 1.35V TESTED PC3 10600; BIOS AT 1.35V FOR 1333MHz		Verified by: Arthur Sainio
Test Technician: Mark Durand		

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