

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
X9DBU-3F	SUPERMICRO®	Intel® C606	SMTL0307	PASS
Module Information				
Manufacturer Name:	SMART MODULAR TECH®	Module Type:	DDR3 Registered ECC DIMM	
Manufacturer P/N:	SH2567RV325816NI	CAS Latency:	C999	
Memory Capacity:	2GB	Assembly Type:	SINGLE BOARD NON STACKED	
Module Configuration:	6 PER CPU/12 TOTAL	Low Profile:	NO	
DRAM Supplier:	NANYA	Register P/N:	IDT SSTE32882KA1 AKG	
DRAM Part Number:	NT5CC256M8IN-D1	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:	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 05/11/201	
Processor Code:	INTEL® XEON® E5-2448L	Processor Code:	INTEL® XEON® E5-2448L	
OS Memory Size:	12GB	OS Memory Size:	24GB	
OS Version:	LINUX 3.8.1.x86_64	OS Version:	LINUX 3.8.1.x86_64	
Test Version:	R4.0Y HPL LINPACK_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:	1.10	Temperature:	45C	Time: 12HRS
Insertion Test:	PASS	Start Date:	10/5/2015	
SPD Check:	PASS	Stop Date:	10/7/2015	
DDR Speed Check:	PASS	HPL Test Status:	PASS	
Boot Time:	1 MIN	Speed / Volts Light:	1333 / 1.35	
		Speed / Volts Heavy:	1333 / 1.35	
		Summary Min:	P	
		Summary Max:	P	
Voltage Margining Info				
Volt %	+/-3%			
Volt Low	1.31 volt	System tested without voltage Margining.		System tested without voltage Margining.
Volt High	1.39 volt	Test Status: PASS		Test Status:
Serial Number List				
1) SFR2015092301622	2) SFR2015092301623	3) SFR2015092301624	4) SFR2015092301626	
5) SFR2015092301627	6) SFR2015092301628	7) SFR2015092301629	8) SFR2015092301630	
9) SFR2015092301631	10) SFR2015092301632	11) SFR2015092301633	12) SFR2015092301634	
13)	14)	15)	16)	
CONTACT INFORMATION				
Contact:	Arthur Sainio	Phone:	1-510-624-8126	e-mail: arthur.sainio@smartm.com
				VERIFICATION
Light DDR Speed @ Volt: 5.15A 1333MHz @ 1.35V Heavy DDR Speed @ Volt: 10.91A 1333 MHz @ 1.35V Modules are 1600MHz; BIOS Downgrades to 1333MHz for 1.35V				Verified by: Arthur Sainio
Test Technician: Mark Durand				

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