

# SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
X9DBU-3F	SUPERMICRO®	Intel® C606	SMTL0326	PASS

### Module Information

Manufacturer Name:	SMART MODULAR TECH®	Module Type:	DDR3 Registered ECC DIMM
Manufacturer P/N:	SH2567RV325816SF	CAS Latency:	C999
Memory Capacity:	2GB	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:	K4B2G08 46E BYK0	PLL P/N:	N/A
PCB Part Number:	D3R18A-A1	Dual Die Package:	MONOLITHIC
PCB Layer Count:	6	Comment:	PC3 12800

### MINIMUM SYSTEM INFORMATION

System Name:	X9DBU-3F
Serial Number:	OM27S30151
BIOS Version:	AMI 1.00 05/11/2012
Processor Code:	INTEL® XEON® E5-2448L
OS Memory Size:	12GB
OS Version:	Linux OS 4.3.1
Test Version:	R4.1B-DDR3
Comment:	

### MAXIMUM SYSTEM INFORMATION

System Name:	X9DBU-3F
Serial Number:	OM27S30151
BIOS Version:	AMI 1.00 05/11/2012
Processor Code:	INTEL® XEON® E5-2448L
OS Memory Size:	24GB
OS Version:	Linux OS 4.3.1
Test Version:	R4.1B-DDR3
Comment:	

### PRE-TESTING INFORMATION

Board Revision:	1.10
Insertion Test:	PASS
SPD Check:	PASS
DDR Speed Check:	PASS
Boot Time:	1 MIN

### TESTING DETAILS VOLT NOMINAL

Temperature:	45C	Time:	12HRS
Start Date:	2/6/2017		
Stop Date:	2/9/2017		
HPL Test Status:	PASS		
Speed / Volts Light:	1333 / 1.35		
Speed / Volts Heavy:	1333 / 1.35		
Summary Min:	P		
Summary Max:	P		

### TESTING DETAILS VOLT NOMINAL

Temperature:	0C	Time:	12HRS
Start Date:	2/6/2017		
Stop Date:	2/9/2017		
HPL Test Status:	PASS		
DDR Speed Light:	1333 / 1.35		
DDR Speed Heavy:	1333 / 1.35		
Summary Min:	PASS		
Summary Max:	PASS		

### Voltage Margining Info

Volt %	+/-3%
Volt Low	
Volt High	

System tested without voltage Margining.	
Test Status:	PASS

System tested without voltage Margining.	
Test Status:	PASS

### Serial Number List

1) SFR2017012800118	2) SFR2017012800119	3) SFR2017012800120	4) SFR2017012800121
5) SFR2017012800122	6) SFR2017012800123	7) SFR2017012800128	8) SFR2017012800129
9) SFR2017012800130	10) SFR2017012800131	11) SFR2017012800132	12) SFR2017012800133
13)	14)	15)	16)
17)	18)	19)	20)
21)	22)	23)	24)

### CONTACT INFORMATION

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### Test Traveler Notes:

Light DDR Speed @ Volt: 5.58A 1333MHz @ 1.35V
Heavy DDR Speed @ Volt: 10.42A 1333 MHz @ 1.35V
TESTED PC3 10600; BIOS AT 1.35V FOR 1333MHz
Test Technician: Mark Durand

### VERIFICATION

Verified by:	Arthur Sainio
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