

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
X9DRT-F	SUPERMICRO®	Intel® C602J	SMTL0309	PASS

Module Information

Manufacturer Name:	SMART MODULAR TECH®	Module Type:	DDR3 Registered ECC DIMM
Manufacturer P/N:	SH5127RD351838SDV	CAS Latency:	C13-13-13
Memory Capacity:	4GB	Assembly Type:	SINGLE BOARD NON STACKED
Module Configuration:	4 PER CPU/8 TOTAL	Low Profile:	NO
DRAM Supplier:	SAMSUNG	Register P/N:	IDT SSTE32882KA1 AKG
DRAM Part Number:	K4B4G0846ED BCMA	PLL P/N:	N/A
PCB Part Number:	D3R18K-K1	Dual Die Package:	MONOLITHIC
PCB Layer Count:	6	Comment:	

MINIMUM SYSTEM INFORMATION

System Name:	X9DRT-F
Serial Number:	143700728
BIOS Version:	AMI 3.02
Processor Code:	INTEL® XEON® E5-2650 V2
OS Memory Size:	8GB
OS Version:	LINUX 3.8.1.x86_64
Test Version:	INTEL® XLINPACK 11.0.3
Comment:	

MAXIMUM SYSTEM INFORMATION

System Name:	X9DRT-F
Serial Number:	143700728
BIOS Version:	AMI 3.02
Processor Code:	INTEL® XEON® E5-2650 V2
OS Memory Size:	32GB
OS Version:	LINUX 3.8.1.x86_64
Test Version:	INTEL® XLINPACK 11.0.3
Comment:	

PRE-TESTING INFORMATION

Board Revision:	1.1
Insertion Test:	PASS
SPD Check:	PASS
DDR Speed Check:	PASS
Boot Time:	1 MIN

TESTING DETAILS NOMINAL VOLT

Temperature:	45C	Time:	12HRS
Start Date:	2/24/2016		
Stop Date:	2/25/2016		
HPL Test Status:	PASS		
Speed/Volts Light:	1866 / 1.5		
Speed/Volts Heavy:	1866 / 1.5		
Summary Min:	P		
Summary Max:	P		

TESTING DETAILS FOR VOLT HIGH

Temperature:	0	Time:	12HRS
Start Date:	2/25/2016		
Stop Date:	2/26/2016		
HPL Test Status:	PASS		
Speed/Volts Light:	1866 / 1.5		
Speed/Volts Heavy:	1866 / 1.5		
Summary Min:	P		
Summary Max:	P		

Voltage Margining Info

Volt %	+/-3%
Volt Low	
Volt High	

System tested without voltage Margining.

System tested without voltage Margining.

Test Status: PASS

Test Status: PASS

Serial Number List

1) SFR2016020402828	2) SFR2016020402829	3) SFR2016020402837	4) SFR2016020402838
5) SFR2016020402839	6) SFR2016020402840	7) SFR2016020402841	8) SFR2016020402842
9) _____	10) _____	11) _____	12) _____
13) _____	14) _____	15) _____	16) _____

CONTACT INFORMATION

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Test Traveler Notes:

VERIFICATION

Verified by: Arthur Sainio

Test Technician: Mark Durand

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