

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
S2600WTT	INTEL®	Intel® C612	SMTL0319	PASS

Module Information			
Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR4 Registered ECC DIMM PC4 17000
Manufacturer P/N:	SH2047RD420472-HA	CAS Latency:	C15-15-15
Memory Capacity:	16GB	Assembly Type:	SINGLE BOARD NON STACKED
Module Configuration:	8 PER CPU/24 TOTAL	Low Profile:	NO
DRAM Supplier:	SHKHYNIX	Register P/N:	IDT 4RCD0124KC0 ATG
DRAM Part Number:	H5AN8G4NAFR UHC	PLL P/N:	N/A
PCB Part Number:	1614-7F	Dual Die Package:	MONOLITHIC
PCB Layer Count:	6	Comment:	

MINIMUM SYSTEM INFORMATION		MAXIMUM SYSTEM INFORMATION	
System Name:	S2600WTT	System Name:	S2600WTT
Serial Number:	BQWL445030B	Serial Number:	BQWL445030B
BIOS Version:	1.01.0020	BIOS Version:	1.01.0020
Processor Code:	INTEL® XEON E5-2650 V3	Processor Code:	INTEL® XEON E5-2650 V3
OS Memory Size:	128GB	OS Memory Size:	384GB
OS Version:	LINUX 3.8.1.x86_64	OS Version:	LINUX 3.8.1.x86_64
Test Version:	R4.1C HPL LINPACK_11.0.3	Test Version:	R4.1C HPL LINPACK_11.0.3
Comment:		Comment:	

PRE-TESTING INFORMATION		TESTING DETAILS VOLT NOMINAL		TESTING DETAILS VOLT NOMINAL	
Board Revision:	REV 1.01	Temperature:	40C	Time:	12HRS
Insertion Test:	PASS	Start Date:	1/13/2017	Start Date:	1/13/2017
SPD Check:	PASS	Stop Date:	1/14/2017	Stop Date:	1/15/2017
DDR Speed Check:	PASS	HPL Test Status:	PASS	HPL Test Status:	PASS
Boot Time:	1 MIN	Speed / Volts Light:	2133 / 1.2	DDR Speed Light:	2133 / 1.2
		Speed / Volts Heavy:	1600 / 1.2	DDR Speed Heavy:	1600 / 1.2
		Summary Min:	P	Summary Min:	P
		Summary Max:	P	Summary Max:	P
Voltage Margining Info		System tested without voltage Margining.		Voltage margining not tested	
Volt %	+/-3%	Test Status:	PASS	Test Status:	PASS
Volt Low					
Volt High					

Serial Number List			
1) SFR2017011100302	2) SFR2017011100303	3) SFR2017011100304	4) SFR2017011100305
5) SFR2017011100306	6) SFR2017011100307	7) SFR2017011100308	8) SFR2017011100309
9) SFR2017011100310	10) SFR2017011100311	11) SFR2017011100312	12) SFR2017011100313
13) SFR2017011100315	14) SFR2017011100316	15) SFR2017011100317	16) SFR2017011100318
17) SFR2017011100319	18) SFR2017011100320	19) SFR2017011100321	20) SFR2017011100322
21) SFR2017011100323	22) SFR2017011100324	23) SFR2017011100325	24) SFR2017011100326

CONTACT INFORMATION			
Contact:	Arthur Sainio	Phone:	1-510-624-8126
		e-mail:	arthur.sainio@smartm.com
Test Traveler Notes:		VERIFICATION	
PC4 17000 SYSTEM VOLTAGE SET AT 1.2 VOLTS NOMINAL		Verified by: ARTHUR SAINIO	
Light DDR Speed @ 1.2 Volt: 2133MHz 1DPC			
Heavy DDR Speed @ 1.2 Volt: 1600MHz 3DPC			
Test Technician:	Mark Durand		

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