

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
S2600GZ	INTEL®	Intel® C602	SMTL0325	PASS

Module Information

Manufacturer Name:	ATP	Module Type:	DDR3 Registered ECC DIMM
Manufacturer P/N:	XL16C4E8GSPOE-VS	CAS Latency:	C11-11-11
Memory Capacity:	8GB	Assembly Type:	SINGLE BOARD NON STACKED
Module Configuration:	8 PER CPU/24 TOTAL	Low Profile:	NO
DRAM Supplier:	SAMSUNG	Register P/N:	IDT SSTE32882KB1 AKG
DRAM Part Number:	K4B4G0446E BYK0	PLL P/N:	N/A
PCB Part Number:	M393BIG70QH2-VO7	Dual Die Package:	MONOLITHIC
PCB Layer Count:	6	Comment:	DDR3 12800

MINIMUM SYSTEM INFORMATION

System Name:	S2600GZ
Serial Number:	QSGR21201361
BIOS Version:	AMI G11481-351 01/21/12
Processor Code:	INTEL® XEON E5-2650 V2
OS Memory Size:	64GB
OS Version:	Linux OS 4.3.1
Test Version:	R4.1B-DDR3
Comment:	

MAXIMUM SYSTEM INFORMATION

System Name:	S2600GZ
Serial Number:	QSGR21201361
BIOS Version:	AMI G11481-351 01/21/12
Processor Code:	INTEL® XEON E5-2650 V2
OS Memory Size:	192GB
OS Version:	Linux OS 4.3.1
Test Version:	R4.1B-DDR3
Comment:	

PRE-TESTING INFORMATION

Board Revision:	G11481-351
Insertion Test:	PASS
SPD Check:	PASS
DDR Speed Check:	PASS
Boot Time:	1 MIN

TESTING DETAILS VOLT NOMINAL

Temperature:	45C	Time:	12HRS
Start Date:	1/27/2017	Stop Date:	1/31/2017
HPL Test Status:	PASS	Speed / Volts Light:	1600 / 1.5
Speed / Volts Heavy:	1066 / 1.5	Summary Min:	PASS
Summary Max:	PASS	Test Status:	PASS

TESTING DETAILS VOLT NOMINAL

Temperature:	0	Time:	12HRS
Start Date:	1/27/2017	Stop Date:	1/31/2017
HPL Test Status:	PASS	DDR Speed Light:	1600 / 1.5
Summary Min:	PASS	DDR Speed Heavy:	1066 / 1.5
Summary Max:	PASS	Test Status:	PASS

Voltage Margining Info

Volt %		System tested without voltage Margining.	Voltage margining not tested
Volt Low		Test Status:	PASS
Volt High		Test Status:	PASS

Serial Number List

1) U0SN00064174EE4CA4	2) U0SN00064174EE4498	3) U0SN00064174EE451D	4) U0SN00064174EE436C
5) U0SN00064174EE4CF9	6) U0SN00064174EE44A4	7) U0SN00064174EE4FB2	8) U0SN00064174EE4404
9) U0SN00064174EE438F	10) U0SN00064174EE4493	11) U0SN00064174EE440B	12) U0SN00064174EE4CA2
13) U0SN00064174EE44E5	14) U0SN00064174EE437D	15) U0SN00064174EE43BC	16) U0SN00064174EE4381
17) U0SN00064174EE4CFD	18) U0SN00064174EE4CA0	19) U0SN00064174EE424C	20) U0SN00064174EE4CFB
21) U0SN00064174EE4418	22) U0SN00064174EE44FD	23) U0SN00064174EE4EC0	24) U0SN00064174EE44FB

CONTACT INFORMATION

Contact:	Arthur Sainio	Phone:	1-510-624-8126	e-mail:	arthur.sainio@smartm.com
----------	---------------	--------	----------------	---------	--

Test Traveler Notes:

VERIFICATION

SYSTEM VOLTAGE SET AT 1.5VOLTS NOMINAL (HIGHFREQUENCY)
DDR3 12800 LIGHT LOAD / DDR3 10600 HEAVY

Verified by: Arthur Sainio

MB has 24 slots (3DPC). For tested DIMM, heavy is 24 DIMM (3DPC) & light is 8 DIMM (1DPC).

Test Technician: Mark Durand