



## Summary

Report Date	2021-04-18 14:21:22
Generated by	MemTest86 V9.0 Free (64-bit) <i>Visit <a href="http://MemTest86.com">MemTest86.com</a> to Upgrade to Pro</i>
Result	FAIL

## System Information

EFI Specifications	2.70
System	
Manufacturer	PC Specialist LTD
Product Name	Amd Am4 Gen3
Version	System Version
Serial Number	1861095001
BIOS	
Vendor	American Megatrends Inc.
Version	2812
Release Date	11/04/2020
Baseboard	
Manufacturer	ASUSTeK COMPUTER INC.
Product Name	TUF GAMING X570-PLUS
Version	Rev X.0x
Serial Number	200873812600098
CPU Type	AMD Ryzen 5 3600X 6-Core
CPU Clock	3793 MHz [Turbo: 4392.3 MHz]
# Logical Processors	12 (6 enabled for testing)
L1 Cache	12 x 64K (246823 MB/s)
L2 Cache	12 x 512K (108698 MB/s)
L3 Cache	1 x 32768K (27483 MB/s)
Memory	16313M (18175 MB/s)
Number of RAM SPDs detected	2
SPD #0	8GB DDR4 XMP PC4-25600 Corsair / CM4X8GD3200C16K4 16-18-18-36 / 3200 MHz / 1.350V
SPD #1	8GB DDR4 XMP PC4-25600 Corsair / CM4X8GD3200C16K4 16-18-18-36 / 3200 MHz / 1.350V
Number of RAM slots	4
Number of RAM modules	2
DIMM Slot #0	Empty slot
DIMM Slot #1	8GB DDR4 PC4-25600 Corsair / CM4X8GD3200C16K4 / 00000000 3200 MHz
DIMM Slot #2	Empty slot
DIMM Slot #3	8GB DDR4 PC4-25600 Corsair / CM4X8GD3200C16K4 / 00000000 3200 MHz

## Result summary

Test Start Time	2021-04-18 11:27:17
Elapsed Time	2:41:32
Memory Range Tested	0x0 - 430000000 (17152MB)
CPU Selection Mode	Parallel (All CPUs)
CPU Temperature Min/Max/Ave	32C/61C/43C
RAM Temperature Min/Max/Ave	-/-/-
# Tests Passed	47/48 (97%)

Lowest Error Address	0x1D46C139C (7494MB)
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Highest Error Address	0x1D46C139C (7494MB)
Bits in Error Mask	0000000010000000
Bits in Error	1
Max Contiguous Errors	1
CPUs in Error	0

Test	# Tests Passed	Errors
Test 0 [Address test, walking ones, 1 CPU]	4/4 (100%)	0
Test 1 [Address test, own address, 1 CPU]	4/4 (100%)	0
Test 2 [Address test, own address]	4/4 (100%)	0
Test 3 [Moving inversions, ones & zeroes]	4/4 (100%)	0
Test 4 [Moving inversions, 8-bit pattern]	4/4 (100%)	0
Test 5 [Moving inversions, random pattern]	3/4 (75%)	1
Test 6 [Block move, 64-byte blocks]	4/4 (100%)	0
Test 7 [Moving inversions, 32-bit pattern]	4/4 (100%)	0
Test 8 [Random number sequence]	4/4 (100%)	0
Test 9 [Modulo 20, ones & zeros]	4/4 (100%)	0
Test 10 [Bit fade test, 2 patterns, 1 CPU]	4/4 (100%)	0
Test 13 [Hammer test]	4/4 (100%)	0

Last 10 Errors
2021-04-18 11:59:58 - [Data Error] Test: 5, CPU: 0, Address: 1D46C139C, Expected: 43642874, Actual: 53642874

## Certification

This document certifies that the Tests described above have been carried out by a suitably qualified technician on the System described above.

Signed

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