



Summary

Report Date	2021-11-13 18:23:44
Generated by	MemTest86 V9.3 Free (64-bit) Visit MemTest86.com to Upgrade to Pro
Result	FAIL

System Information

EFI Specifications	2.70
System	
Manufacturer	Gigabyte Technology Co., Ltd.
Product Name	B450 AORUS ELITE V2
Version	Default string
Serial Number	Default string
BIOS	
Vendor	American Megatrends International, LLC.
Version	F63c
Release Date	10/01/2021
Baseboard	
Manufacturer	Gigabyte Technology Co., Ltd.
Product Name	B450 AORUS ELITE V2
Version	Default string
Serial Number	Default string
CPU Type	AMD Ryzen 5 5600X 6-Core
CPU Clock	3700 MHz
# Logical Processors	12 (6 enabled for testing)
L1 Cache	12 x 64K (215721 MB/s)
L2 Cache	12 x 512K (88783 MB/s)
L3 Cache	1 x 32768K (54041 MB/s)
Memory	16322M (26194 MB/s)
Number of RAM SPDs detected	2
SPD #0	8GB DDR4 XMP PC4-28800
	Golden Empire / CL18-22-22 D4-3600
	18-22-22-42 / 3602 MHz / 1.350V
SPD #1	8GB DDR4 XMP PC4-28800
	Golden Empire / CL18-22-22 D4-3600
	18-22-22-42 / 3602 MHz / 1.350V
Number of RAM slots	4
Number of RAM modules	2
DIMM Slot #0	Empty slot
DIMM Slot #1	Empty slot
DIMM Slot #2	8GB DDR4 PC4-28800
	Unknown / CL18-22-22 D4-3600 / 00000000
	3600 MHz
DIMM Slot #3	8GB DDR4 PC4-28800
	Unknown / CL18-22-22 D4-3600 / 00000000
	3600 MHz

Result summary

Test Start Time	2021-11-13 15:23:48
Elapsed Time	2:58:14
Memory Range Tested	0x0 - 440000000 (17408MB)
CPU Selection Mode	Parallel (All CPUs)
CPU Temperature Min/Max/Ave	37C/48C/42C
RAM Temperature Min/Max/Ave	-/-/-
# Tests Passed	45/47 (95%)

Lowest Error Address	0x1B15CE8A0 (6933MB)
Highest Error Address	0x1C6794D78 (7271MB)
Bits in Error Mask	0000000000007900
Bits in Error	5
Max Contiguous Errors	1
CPUs that detected memory errors	{ 6, 8 }

Bits in Error



630		
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]	4/4 (100%)	0
Test 6 [Block move, 64-byte blocks]	2/4 (50%)	12
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]	3/3 (100%)	0
Test 13 [Hammer test]	4/4 (100%)	0
Last 10 Errors		
2021-11-13 17:44:25 - [Data Error] Test: 6, CPU: 8, Address: 1C6794D78, Expected: F7FFFEFF, Actual: F7FFFFFF		
2021-11-13 17:44:25 - [Data Error] Test: 6, CPU: 8, Address: 1C6794D70, Expected: 08000100, Actual: 08000000		
2021-11-13 17:44:25 - [Data Error] Test: 6, CPU: 8, Address: 1C6794D68, Expected: F7FFF6FF, Actual: F7FFFFFF		
2021-11-13 17:44:25 - [Data Error] Test: 6, CPU: 8, Address: 1C6794D60, Expected: 08007000, Actual: 08000000		
2021-11-13 17:44:25 - [Data Error] Test: 6, CPU: 8, Address: 1C4794D98, Expected: F7FFFEFF, Actual: F7FFFFFF		
2021-11-13 17:44:25 - [Data Error] Test: 6, CPU: 8, Address: 1C4794D90, Expected: 08000100, Actual: 08000000		
2021-11-13 17:44:25 - [Data Error] Test: 6, CPU: 8, Address: 1C4794D88, Expected: F7FFF6FF, Actual: F7FFFFFF		
2021-11-13 17:44:25 - [Data Error] Test: 6, CPU: 8, Address: 1C4794D80, Expected: 08007000, Actual: 08000000		
2021-11-13 15:27:33 - [Data Error] Test: 6, CPU: 6, Address: 1B35CE890, Expected: FFFFFFFF, Actual: FFFF7FF		
2021-11-13 15:27:33 - [Data Error] Test: 6, CPU: 6, Address: 1B35CE880, Expected: 00002800, Actual: 00000800		

Certification

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

Signed

Your company name here
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