

Summary

Report Date	2021-01-15 20:07:10
Generated by	MemTest86 V8.4 Free (64-bit)
Result	FAIL

System Information

EFI Specifications	2.70
System	
Manufacturer	Micro-Star International Co., Ltd
Product Name	MS-7B38
Version	1.0
Serial Number	To be filled by O.E.M.
BIOS	
Vendor	American Megatrends Inc.
Version	2.GS
Release Date	07/01/2020
Baseboard	
Manufacturer	Micro-Star International Co., Ltd
Product Name	B350M PRO-VD PLUS (MS-7B38)
Version	1.0
Serial Number	HA16617533
CPU Type	AMD Ryzen 3 1300X Quad-Core
CPU Clock	3738 MHz [Turbo: 3737.6 MHz]
# Logical Processors	4
L1 Cache	4 x 96K (76822 MB/s)
L2 Cache	4 x 512K (63796 MB/s)
L3 Cache	1 x 8192K (30678 MB/s)
Memory	16347M (16188 MB/s)
DIMM Slot #0	8GB DDR4 XMP PC4-24000
	Crucial Technology / BLS8G4D30AESBK.M8FE / E250A526
	15-16-16-35 / 3002 MHz / 1.350V
DIMM Slot #1	8GB DDR4 XMP PC4-24000
	Kingston / KHX3000C15D4/8GX / A3249161
	15-17-17-36 / 3002 MHz / 1.350V

Result summary

Test Start Time	2021-01-15 16:30:49
Elapsed Time	3:21:26
Memory Range Tested	0x0 - 41F380000 (16883MB)
CPU Selection Mode	Parallel (All CPUs)
ECC Polling	Enabled
# Tests Passed	47/48 (97%)

Lowest Error Address	0x151DFE5A8 (5405MB)
Highest Error Address	0x41267A3A8 (16678MB)
Bits in Error Mask	000000000012000
Bits in Error	2
Max Contiguous Errors	1

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]	3/4 (75%)	8
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
2021-01-15 18:10:19 - [Data Error] Test: 6, CPU: 1, Address: 41267A3A8, Expected: FFFFFFFF, Actual: FFFFFFFF
2021-01-15 18:10:19 - [Data Error] Test: 6, CPU: 1, Address: 41080A3C8, Expected: FFFFFFFF, Actual: FFFFFFFF
2021-01-15 18:10:09 - [Data Error] Test: 6, CPU: 0, Address: 3B added FD63C8, Expected: 00010800, Actual: 00000800
2021-01-15 18:10:09 - [Data Error] Test: 6, CPU: 0, Address: 3B added D63E8, Expected: 00010800, Actual: 00000800
2021-01-15 18:10:09 - [Data Error] Test: 6, CPU: 1, Address: 3B3153368, Expected: FFFFDFFF, Actual: FFFFFFFF
2021-01-15 18:10:09 - [Data Error] Test: 6, CPU: 1, Address: 3B1153388, Expected: FFFFDFFF, Actual: FFFFFFFF
2021-01-15 18:09:06 - [Data Error] Test: 6, CPU: 1, Address: 153DFE588, Expected: 00000010, Actual: 00002010
2021-01-15 18:09:06 - [Data Error] Test: 6, CPU: 1, Address: 151DFE5A8, Expected: 00000010, Actual: 00002010

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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