12/6/2019 MemTest86-Report-20191206-094746.html



# Summary

|  |  |
| --- | --- |
| Report Date | 2019-12-06 09:54:47 |
| Generated by | MemTest86 V8.3 Free (64-bit) |
| Result | FAIL |

# System Information

|  |  |
| --- | --- |
| EFI Specifications | 2.40 |
| System |  |
| Manufacturer | ASUS |
| Product Name | All Series |
| Version | System Version |
| Serial Number | System Serial Number |
| BIOS |  |
| Vendor | American Megatrends Inc. |
| Version | 2101 |
| Release Date | 07/10/2019 |
| Baseboard |  |
| Manufacturer | ASUSTeK COMPUTER INC. |
| Product Name | X99-DELUXE II |
| Version | Rev 1.xx |
| Serial Number | 160573482800270 |
| CPU Type | Intel Core i7-5820K @ 3.30GHz |
| CPU Clock | 3298 MHz [Turbo: 3597.9 MHz] |
| # Logical Processors | 12 (6 enabled for testing) |
| L1 Cache | 4 x 64K (185402 MB/s) |
| L2 Cache | 4 x 256K (51913 MB/s) |
| L3 Cache | 15360K (28915 MB/s) |
| Memory | 32688M (15285 MB/s) |
| DIMM Slot #0 | 8GB DDR4 XMP PC4-25600 |
|  | G Skill Intl / F4-3200C14-8GTZ |
|  | 14-14-14-34 / 3200 MHz / 1.350V |
| DIMM Slot #1 | 8GB DDR4 XMP PC4-25600 |
|  | G Skill Intl / F4-3200C14-8GTZ |
|  | 14-14-14-34 / 3200 MHz / 1.350V |
| DIMM Slot #2 | 8GB DDR4 XMP PC4-25600 |
|  | G Skill Intl / F4-3200C14-8GTZ |
|  | 14-14-14-34 / 3200 MHz / 1.350V |
| DIMM Slot #3 | 8GB DDR4 XMP PC4-25600 |
|  | G Skill Intl / F4-3200C14-8GTZ |
|  | 14-14-14-34 / 3200 MHz / 1.350V |

# Result summary

|  |  |  |  |
| --- | --- | --- | --- |
| Test Start Time | 2019-12-06 09:47:46 | | |
| Elapsed Time | 0:06:01 | | |
| Memory Range Tested | 0x0 - 840000000 (33792MB) | | |
| CPU Selection Mode | Parallel (All CPUs) | | |
| ECC Polling | Enabled | | |
| # Tests Passed | 3/7 (42%) | | |
| Lowest Error Address | 0x1F8C40870 (8076MB) | | |
| Highest Error Address | 0x3FAC500D8 (16300MB) | | |
| Bits in Error Mask | 0000000000410000 | | |
| Bits in Error | 2 | | |
| Max Contiguous Errors | 1 | | |
| Test | | # Tests Passed | Errors |
| Test 0 [Address test, walking ones, 1 CPU] | | 1/1 (100%) | 0 |
|  | |  |  |

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|  |  |  |
| --- | --- | --- |
| Test 1 [Address test, own address, 1 CPU] | 1/1 (100%) | 0 |
| Test 2 [Address test, own address] | 1/1 (100%) | 0 |
| Test 3 [Moving inversions, ones & zeroes] | 0/1 (0%) | 489 |
| Test 4 [Moving inversions, 8-bit pattern] | 0/1 (0%) | 2328 |
| Test 5 [Moving inversions, random pattern] | 0/1 (0%) | 4242 |
| Test 6 [Block move, 64-byte blocks] | 0/1 (0%) | 1679 |
| Test 7 [Moving inversions, 32-bit pattern] | 0/0 (0%) | 1298 |
| Test 8 [Random number sequence] | 0/0 (0%) | 0 |
| Test 9 [Modulo 20, ones & zeros] | 0/0 (0%) | 0 |
| Test 10 [Bit fade test, 2 patterns, 1 CPU] | 0/0 (0%) | 0 |
| Test 13 [Hammer test] | 0/0 (0%) | 0 |
| Last 10 Errors | | |
| 2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC4AC24, Expected: 00000400, Actual: 00400400 | | |
| 2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC4A434, Expected: 00004000, Actual: 00404000 | | |
| 2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC47D34, Expected: 00004000, Actual: 00014000 | | |
| 2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC47B14, Expected: 00000040, Actual: 00400040 | | |
| 2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC47314, Expected: 00000040, Actual: 00010040 | | |
| 2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC469B4, Expected: 00004000, Actual: 00014000 | | |
| 2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC46784, Expected: 00000004, Actual: 00010004 | | |
| 2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC46594, Expected: 00000040, Actual: 00400040 | | |
| 2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC45814, Expected: 00000040, Actual: 00400040 | | |
| 2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC44EB4, Expected: 00004000, Actual: 00404000 | | |

# 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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