MINERVA
AD964MD SATA 3 to CFast Converter Card

Performance & Burn In Test   Rev. 1. 0

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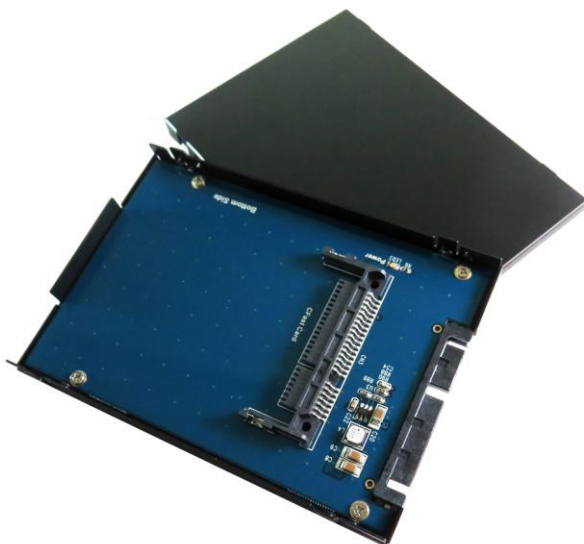# AD964MD   Converter Card

1. Overview

AD964MD adapter, providing CFast connector can be CFast Card converted into SATA III.

2. Tools and Results of Performance Measurement

2.1   Test Platform

M/B :   GIGABYTE **Z170X UD5 TH**
CPU :   Intel **i5-6500,** 3.2GHz/ 6M Cache/ LGA1150
Memory :   Kingston **KVR21N15D8/8,** DDR4-2133MHz, **16GB**(8GB DIMM*2)
ATX Power : COOLER MASTER G750M, **750W ATX**, 12V V2.2 Power Supply
Graphic :   Z170 Chipsets built-in **HD Graphics 530**
OS :   Microsoft **Windows 10 64bit OS**

2.2 Test target: AD964MD adapter with **LEXAR CFast 64GB**

AD964MD Adapter   Lexar 64GB CFast Card

2.3   Install Hardware

Inserts CFast Card into AD964MD converter's CFast connector, and then connect AD964MD converter to SATA port of GIGABYTE **Z170X UD5 TH**

2.4 BIOS & Windows 10 OS environment setup

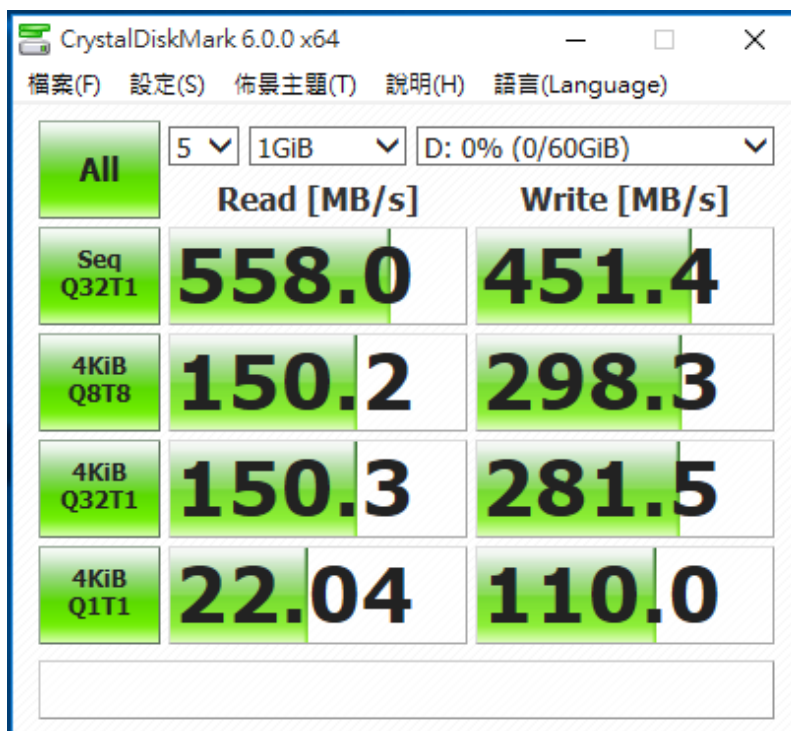2.4.1 Promary Drive installs Windows 10 64bit OS
2.4.2 Secondary Drive formats CFast Card into NTFS, don't install any application.

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2.5 CrystalDiskMark 6.0.0 x64 performance test
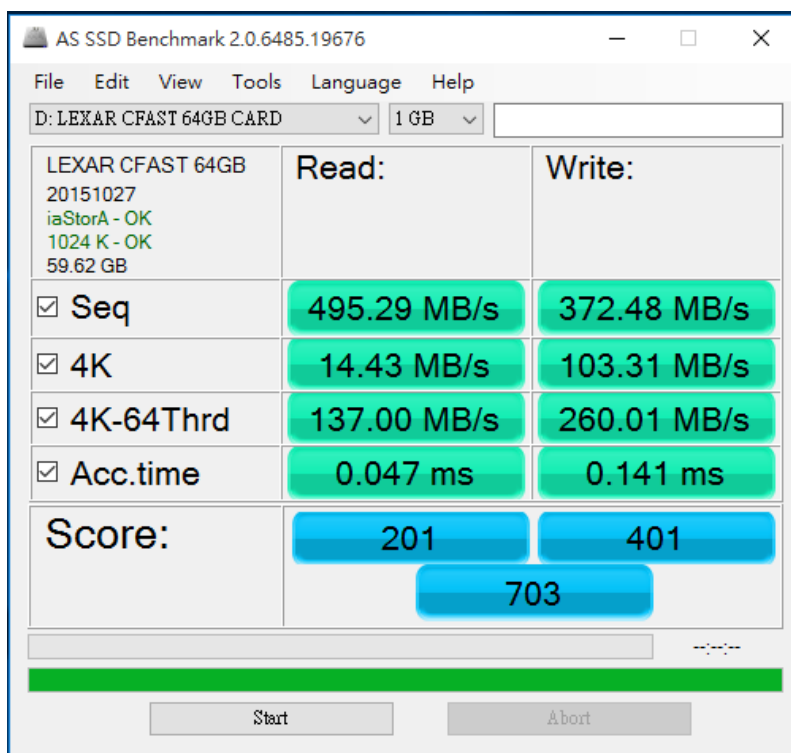
※Benchmark (Sequential Read & Write / default = 1MB)

2.5.1 Shows **CFast 64GB** performance as below:

2.6 AS SSD Benchmark 2.0 performance test

※Benchmark (Read & Write by MB/s, default block size = 16MB)

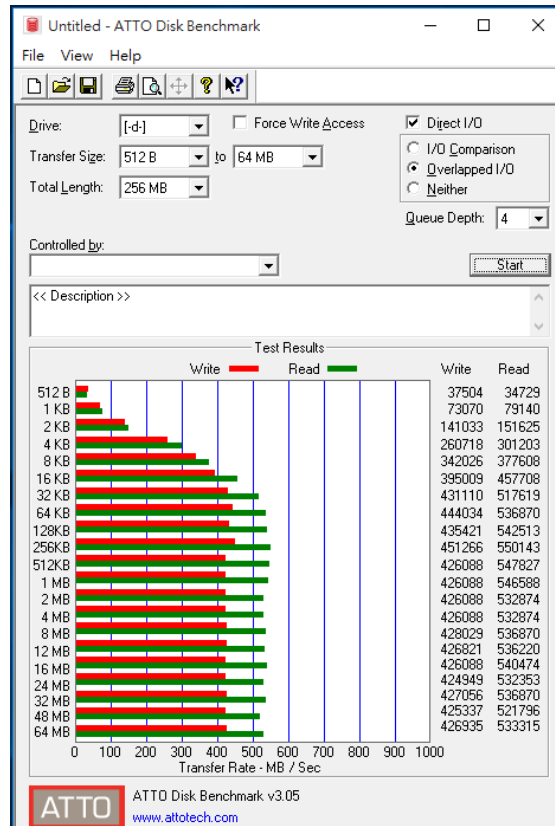2.6.1 Shows **CFast 64GB** performance as below:

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2.7   ATTO Disk Benchamrk 3.0.5 performance test

2.7.1   Shows **CFast 64GB** performance as below:

2.8   AnvilBenchmark_V110_B337

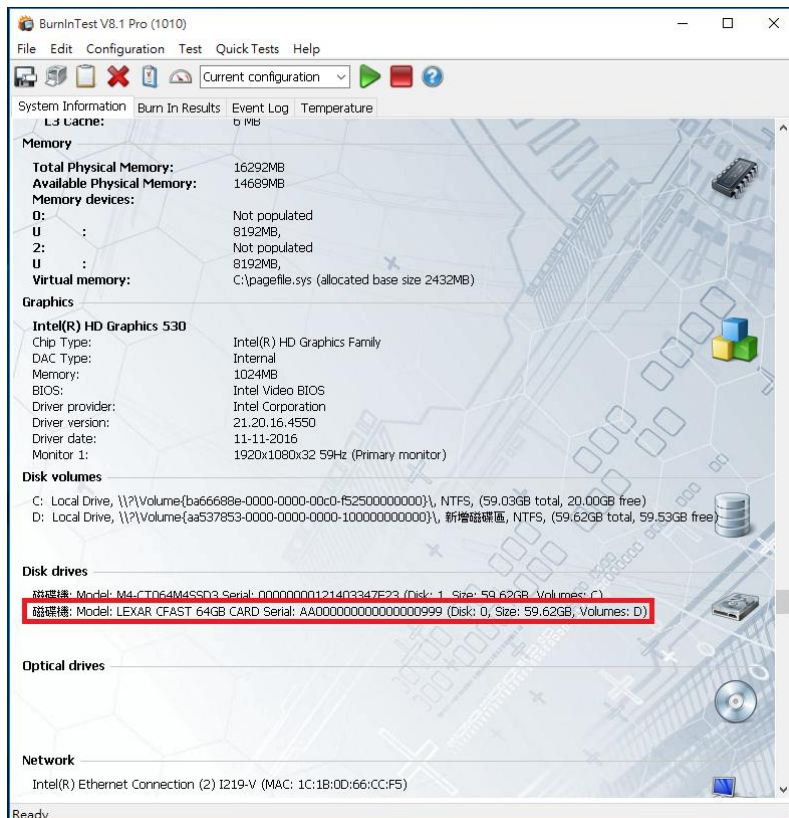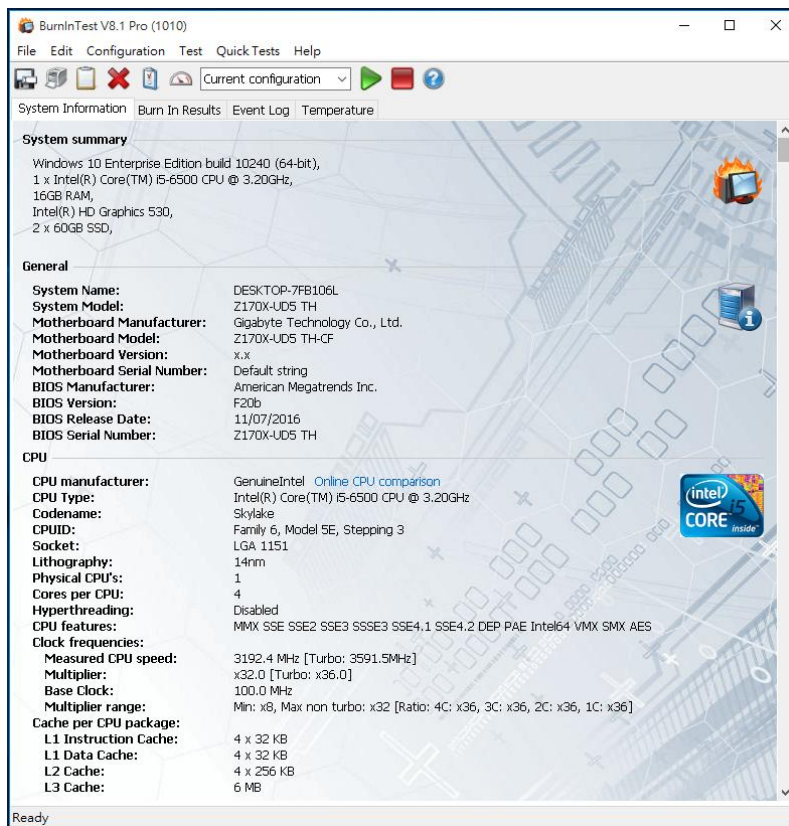#### 2.8.1   Shows **CFast 64GB** performance as below:

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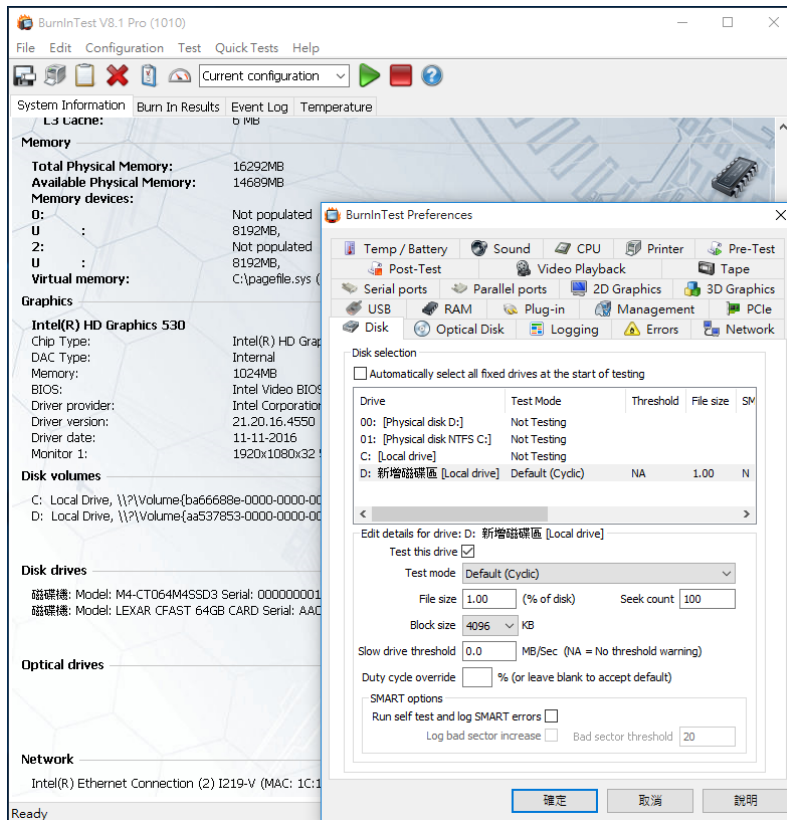
3. Burn In Tests and Results

3.1　BurnInTest v8.1 Pro
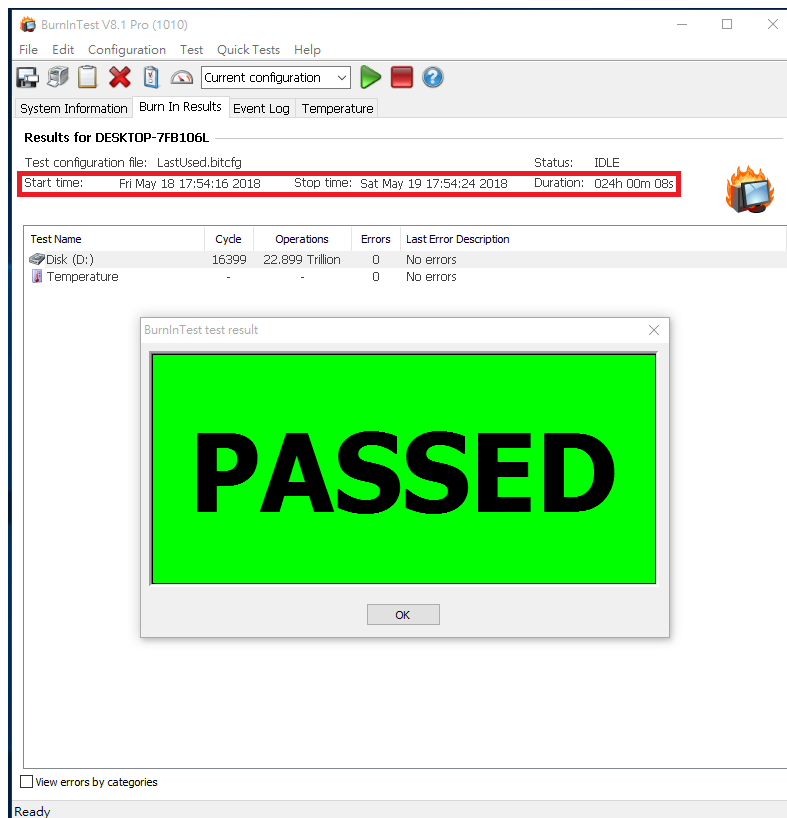
3.1.1 System information for CFast 64GB as below:

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3.2.1 Shows Disk test mode(10 ways cycle test)

3.2.3　　Shows 24-hour Burn-in test PASSED

4. Summary

4.1   CFast Card is SATA 3 Interface, I/O speed, max. to 6Gbps.

4.2   AD964MD adapter I/O performance is based on CFast Card Card.