

96FMCFI-16G-ET-TR3

Test Report

Test Requestor	Christine.weng	Job Title		Release Date	2011-7-19
Testing Engineer	Jier.Liu	Job Title		Revision	V1.0
Approved by	Sophie.Song	Job Title		Release Status	Formal Release

1. Product Information:

Advantech Part Number	96FMCFI-16G-ET-TR3
Manufacturer:	Transcend
Model Number:	TS16GCF2001
Capacity	16G
Product Description:	50P CF SLC Dual Channel Non Removable -40 to 85 °C
Firmware	20110407
Dimension (W x H x D) :	36.4X42.8X3.3(mm)
RoHS Status (Yes/No)	YES
Product Photo	



2. Test Software

- 1).NFCtest;
- 2). HD Tach version 3.0.4.0;
- 3). HD Tune version 2.52;
- 4). Power on/off;
- 5). Burn_inV6.0.

3. Test Criteria:

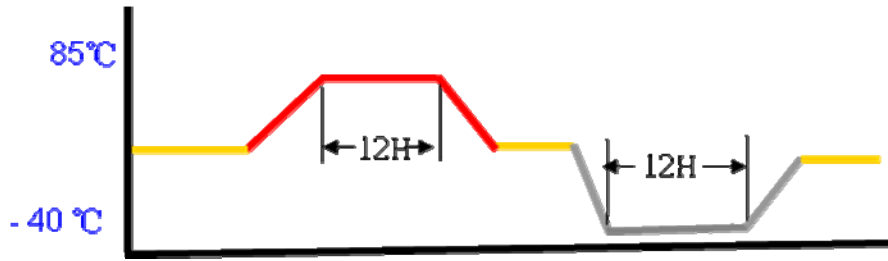
- 1、 POST and BIOS should show the correct model name;
- 2、 There is no any error during formatting the CF;
- 3、 DOS/WINCE/Windows OS can be installed and boot into OS properly;
- 4、 Device manager should show the correct model name and capacity;
- 5、 Run NFCtest 3 rounds from one partition to another under windows;
- 6、 With the other device in different channel, Can boot into any device follow BIOS set;
- 7、 Can installed successfully different OS-DOS/WINCE/Windows XP/7/2003/2008 of 32bit;
- 8、 Run software “HD Tach version 3.0.4.0 and HD Tune version 2.52”, Recording the benchmark score and compare the score to other product.The CF performance can reach the average value;
- 10、 Run Power on off 100 times, successful boot rate 100%;
- 11、 Run Burn_inV6.0, Set DISK loading 100%,all disks file size 15%; The result of all disks should be Passed when running Burn_in V6.0 for 12 hours.

4. Test Result

- 1) Room Temperature

Test Platform	Core Chipset	Testing Result	Note
PCI-6880	Intel 855GME+6300ESB	PASS	
PCI-7031	Atom N450+ICH8M	PASS	
PCI-7020	Intel 945GC+ ICH7	PASS	
PCM-9591	AMD M690E + SB600	PASS	
PCI-6871	VIA VT8606+VT82C686B	PASS	
NAMB-3710	Intel 915GM + ICH6M	PASS	
PCA-6782	Atom D510 + ICH8M	PASS	

2) High/Low temperature



Test Platform	Core Chipset	Testing Result	Note
PCM-9586	Intel 852GM+ICH4	PASS	

5. Appendix

1. WinCE only installed on PCI-7031.