96D3-4G1333ER-AP1

Test Report

Test Requestor	Jocy.lin	**Job Title**		**Release Date**	2010-11-22
Testing Engineer	Fresh Yang	**Job Title**		**Revision**	V1.0
Approved by	Sophie.Song	**Job Title**		**Release Status**	Formal Release

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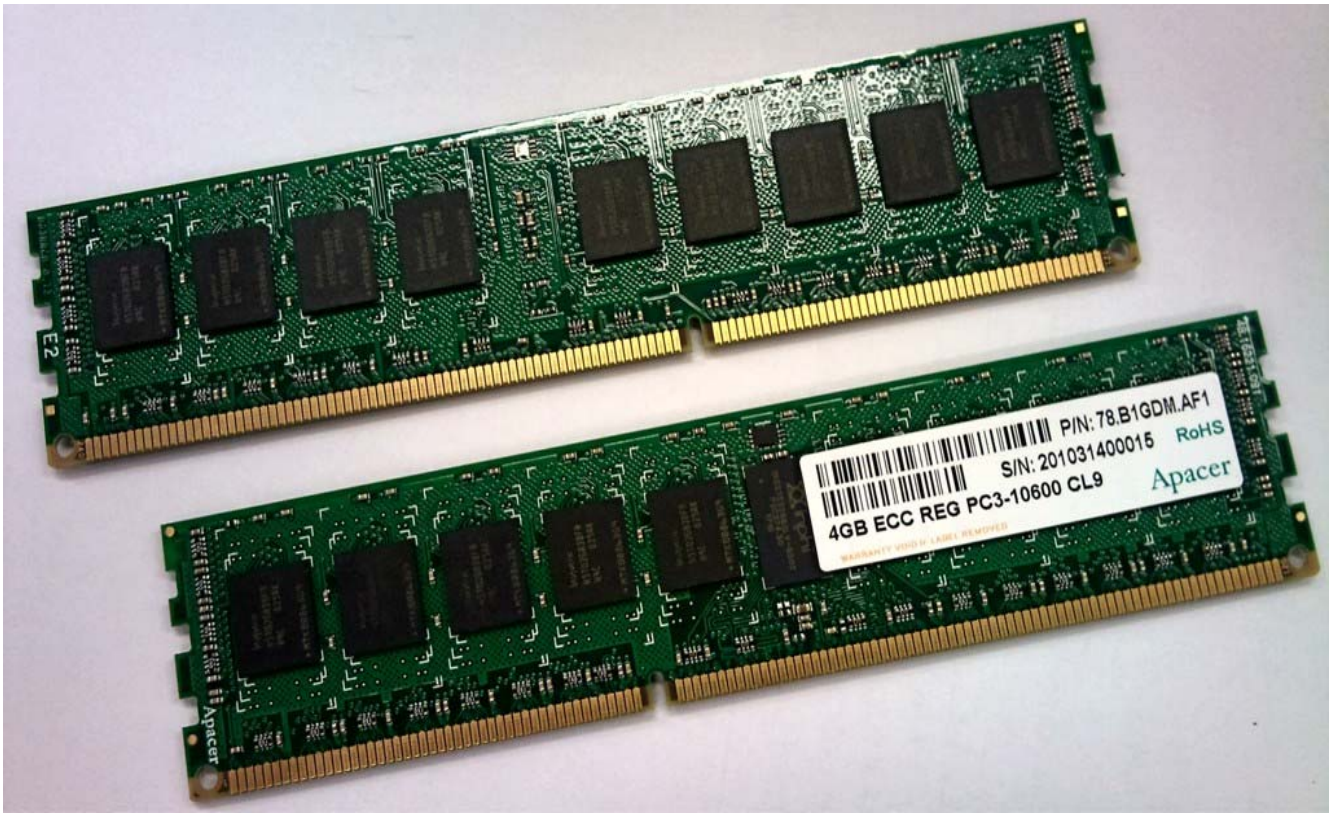
1. Product Information:

Advantech Part Number	**96D3-4G1333ER-AP1**
Manufacturer	**Apacer**
Part Number	**78.B1GDM.AF1**
Memory Chip	**HYNIX H5TQ2G83BFR**
ECC&REG	**REG**
Description	**DDR3 REG DIMM 10600-9 256x8 4GB HYN G**
Dimension	**133.35x30x1.27(mm)**
RoHS Status (Yes/No)	**YES**
Product Photo	



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2. Test Software

1) MemTest86+V4.10;
2) Power on/off test;

3. Test Criteria

1) Red Hat Enterprise Llinux 5.3 can be installed;
2) BIOS should show the correct Memory size;
3) In single channel, run Power on/off 10 times, successful boot rate 100% in every DIMM socket;
4) In dual channel and full loading, run Power on/off 10 times, successful boot rate 100% in every combination DIMM socket;
5) MemTest86+V4.10 should show the correct Memory size;
6) Memory Full loading,Run MemTest86+ V4.10 3 Cycles No error;
7) Run power on off 100 times， successful boot rate 100%.

4. Test Result

Test Platform	CPU information	Testing Result	Note
FWA-6500	Intel Xeon X5570 2.93GHz *2	PASS	
FWA-4208	Intel Xeon X3450 2.66GHz	PASS	
DAC-BA01	Intel Xeon E5645 2.40GHz *2	PASS	

5. Appendix

Note:

Socket function and combination test	Single Channel(every DIMM socket)	Power on/off 10 times
	Dual Channel(half full loading)	Power on/off 10 times (Only Test on 6500 & 4208)
	Full Loading	Power on/off 10 times (Only test on 4208 & BA01)

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