

96RACK-3-SS-CR-B

Test Report

Test Requestor	Lydia.Liu	Job Title		Release Date	2010-11-22
Testing Engineer	Mark.ma	Job Title		Revision	V1.0
Approved by	Sophie.Song	Job Title		Release Status	Formal Release

1. Product Information:

Advantech Part Number	96RACK-3-SS-CR-B
Manufacturer:	ICYDOCK
Model Number:	MB9911K-B
Interface:	SAS/SATA
Product Description:	ICYDOCK 2.5"SAS/SATA HDD&SSD Mobile rack for 3.5" drive bay
Dimension (W x H x D) :	101.6x25.6x135 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、 Windows xp/2003/2008/7 can be installed and boot into OS properly;
- 2、 POST and BIOS should show the correct model name;
- 3、 There is no any error during formatting the HDD;
- 4、 Device manager should show the correct model name and capacity;
- 5、 Run NFCtest 3 rounds from one partition to another under windows;
- 6、 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.
- 7、 Run Power on off 100 times, successful boot rate 100%;
- 8、 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

Test Platform	Core Chipset	Testing Result	Note
PCE-5020	Intel 945G + ICH7	PASS	
PCE-5124	Q35 GMCH + ICH9DO ICH	PASS	
PCE-5130	Intel 945GME+ ICH7M-DH	PASS	
AIMB-780W	Intel 3450(WS version) Chipset	PASS	
AIMB-554	Intel 945GM with ICH7M-DH	PASS	
AIMB-556	Intel GME965 with ICH8M	PASS	
PCE-7214	Intel® E5100 MCH+ ICH9R	PASS	
PCE-7210	Intel® E7520 with 6300ESB	PASS	

5. Appendix

1).HDD information

Brand Name	Model	Capacity(GB)	Note
WD	WD 1200BEVS	120GB	
Seagate	ST9146802SS	146GB	
ADVANTECH (SSD)	SQF-S25M4-16G	16G	
TOSHIBA	MK2565GSX	250G	

2). RAID Card :

Brand Name	Model	Note
LSI Memg RAID	SAS 8708EM2	LSI eight-port MegaRAID•LSISAS1078(ROC) •256MB DDRII Cache•x8 PCI Ex
LSI Memg RAID	SAS 8704EM2	LSI four-port MegaRAID •LSISAS1078 (ROC) •128MB DDRII Cache•x8 PCI Ex
LSI Memg RAID	SAS 9260-8i	LSI eight-port MegaRAID•LSISAS2108 (ROC) •512MB DDRII Cache•x8 PCI Ex
HighPoint	RocketRAID 2640x4	