

Matrox AXIO LE 高清存储测试报告

主机配置

主板型号	泰安 S2895
CPU	Dual Core AMD 275
内存	4GB DDRII
硬盘	120GB SATAII
显卡	ATI X1900
存储接口卡	ACS 62000RE(PCIEx4)
视频采集卡	Matrox AXIO LE HD
操作系统	Windows XP SP2
测试软件	Matrox disk tools iometer

存储系统配置

硬盘	8 块希捷 500GB 硬盘
内存	256MB
RAID 级别	RAID 5
磁盘缓冲	允许



PCI
EXPRESS®





1GB 文件读写第一次测试

Matrox Disk Tool

Name	Single Write	Dual Read / Single Write	Dual Read
c...	not tested	not tested	not tested
d...	not tested	not tested	not tested
e...	not tested	not tested	not tested
f...	284.36 - 295.57	82.59 - 86.27 / 92.52 - 103.58	132.30 - 142.18

Test Settings for All Selected Drives
File 1.00GB Fil 8% of disk
Test Dual Read / Single Write

All tests results are in MB/Sec. Dual Stream

第二次测试

Matrox Disk Tool

Name	Single Write	Dual Read / Single Write	Dual Read
c...	not tested	not tested	not tested
d...	not tested	not tested	not tested
e...	not tested	not tested	not tested
f...	274.60 - 295.57	76.78 - 85.35 / 88.24 - 96.49	128.21 - 150.58

Test Settings for All Selected Drives
File 1.00GB Fil 8% of disk
Test Dual Read / Single Write

All tests results are in MB/Sec. Dual Stream

第三次测试

Matrox Disk Tool

Name	Single Write	Dual Read / Single Write	Dual Read
c...	not tested	not tested	not tested
d...	not tested	not tested	not tested
e...	not tested	not tested	not tested
f...	294.84 - 320.00	75.28 - 78.38 / 94.86 - 102.39	127.80 - 144.93

Test Settings for All Selected Drives
File 1.00GB Fil 8% of disk
Test Dual Read / Single Write

All tests results are in MB/Sec. Dual Stream

平均 284.6-303.71 78.21-83.33 / 92.87-100.82 129.43-145.89





2GB 文件读写第一次测试

Matrox Disk Tool

Name	Single Write	Dual Read / Single Write	Dual Read
c...	not tested	not tested	not tested
d...	not tested	not tested	not tested
e...	not tested	not tested	not tested
f...	284.36 - 320.00	76.05 - 88.30 / 87.27 - 101.01	132.45 - 144.93

Test Settings for All Selected Drives
 File 2.00GB Fil 8% of disk
 Test: Dual Read / Single Wr

Start Test
Start drive test

All tests results are in MB/Sec. Dual Stream

第二次测试

Matrox Disk Tool

Name	Single Write	Dual Read / Single Write	Dual Read
c...	not tested	not tested	not tested
d...	not tested	not tested	not tested
e...	not tested	not tested	not tested
f...	273.97 - 307.69	74.53 - 97.25 / 89.29 - 98.44	121.83 - 144.93

Test Settings for All Selected Drives
 File 2.00GB Fil 8% of disk
 Test: Dual Read / Single Wr

Start Test
Start drive test

All tests results are in MB/Sec. Dual Stream

第三次测试

Matrox Disk Tool

Name	Single Write	Dual Read / Single Write	Dual Read
c...	not tested	not tested	not tested
d...	not tested	not tested	not tested
e...	not tested	not tested	not tested
f...	247.93 - 295.57	73.17 - 88.24 / 92.52 - 106.63	125.92 - 139.70

Test Settings for All Selected Drives
 File 2.00GB Fil 8% of disk
 Test: Dual Read / Single Wr

Start Test
Close

All tests results are in MB/Sec. Dual Stream

平均 268.75-307.75 74.58-91.26 / 86.69-102.02 126.73-143.18





3GB 文件读写第一次测试

Matrox Disk Tool

Name	Single Write	Dual Read / Single Write	Dual Read
c:...	not tested	not tested	not tested
d:...	not tested	not tested	not tested
e:...	not tested	not tested	not tested
f:...	255.86 - 306.91	70.46 - 306.91 / 89.29 - 101.74	130.15 - 144.93

Test Settings for All Selected Drives
 File 3.00GB Fil 9% of disk
 Test: Dual Read / Single Write

All tests results are in MB/Sec. Dual Stream

第二次测试

Matrox Disk Tool

Name	Single Write	Dual Read / Single Write	Dual Read
c:...	not tested	not tested	not tested
d:...	not tested	not tested	not tested
e:...	not tested	not tested	not tested
f:...	264.90 - 307.69	73.85 - 306.91 / 86.10 - 102.39	125.92 - 150.56

Test Settings for All Selected Drives
 File 3.00GB Fil 9% of disk
 Test: Dual Read / Single Write

All tests results are in MB/Sec. Dual Stream

第三次测试

Matrox Disk Tool

Name	Single Write	Dual Read / Single Write	Dual Read
c:...	not tested	not tested	not tested
d:...	not tested	not tested	not tested
e:...	not tested	not tested	not tested
f:...	284.36 - 307.69	74.58 - 196.72 / 92.52 - 99.75	112.99 - 142.35

Test Settings for All Selected Drives
 File 3.00GB Fil 9% of disk
 Test: Dual Read / Single Write

All tests results are in MB/Sec. Dual Stream

平均 268.37-307.43 72.96-270.18 / 89.30-101.29 123.02-145.94





3. 5GB 文件读写第一次测试

Matrox Disk Tool

Name	Single Write	Dual Read / Single Write	Dual Read
c:...	not tested	not tested	not tested
d:...	not tested	not tested	not tested
e:...	not tested	not tested	not tested
f:...	207.61 - 295.57	73.85 - 167.13 / 90.36 - 99.67	125.92 - 144.93

Test Settings for All Selected Drives

File 3.50GB File 9% of disk

Test: Dual Read / Single Write

Start Test

Close

All tests results are in MB/Sec. Dual Stream

第二次测试

Matrox Disk Tool

Name	Single Write	Dual Read / Single Write	Dual Read
c:...	not tested	not tested	not tested
d:...	not tested	not tested	not tested
e:...	not tested	not tested	not tested
f:...	247.42 - 295.57	80.00 - 102.39 / 80.86 - 111.32	121.83 - 147.78

Test Settings for All Selected Drives

File 3.50GB File 14% of disk

Test: Single Stream Only

Start Test

Close

All tests results are in MB/Sec. Dual Stream

平均 227.51-295.57 76.92-134.76 / 85.61-105.49 123.87-146.35

4GB 文件读写测试

Matrox Disk Tool

Name	Single Write	Dual Read
c: (NTFS)	not tested	not tested
d: (NTFS)	not tested	not tested
e: (NTFS)	not tested	not tested
f: 新加卷 (NTFS)	256.41 - 295.57	125.92 - 161.29

Test Settings for All Selected Drives

File 4.00GB File 9% of disk

Test: Dual Stream Only

Start Test

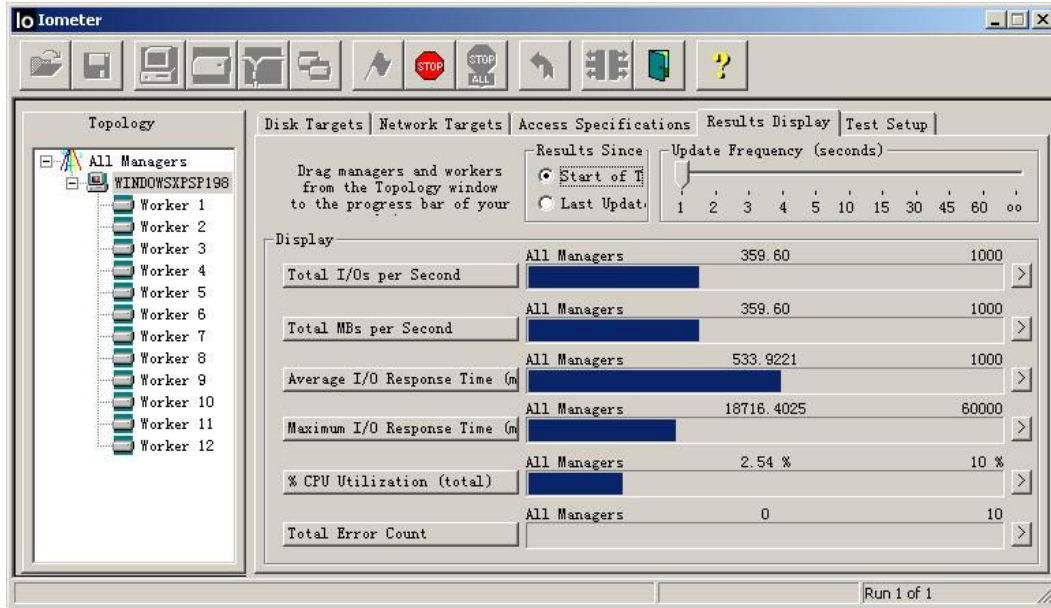
Close

All tests results are in MB/Sec. Dual Stream



IOMETER 测试结果

4GB 文件 100%顺序读



4GB 文件 100%顺序写

