

RR182x on MacOS X Performance Test Report

System: Power Mac G4

OS: MacOS X 10.3

Host Adapter: RR1820A (on 64-bit 33MHz PCI slot)

HD: WD740GD * 8

Benchmark: QuickBench

RAID5-8 disks Performance

Transfer Size	Sequential Read	Sequential Write	Random Read	Random Write
1 K	4.481 M/S	286.000 K/S	3.258 M/S	356.000 K/S
2 K	8.018 M/S	542.000 K/S	5.588 M/S	988.000 K/S
4 K	19.609 M/S	1.949 M/S	12.361 M/S	1.929 M/S
8 K	30.661 M/S	4.072 M/S	24.498 M/S	3.538 M/S
16 K	45.237 M/S	7.562 M/S	42.172 M/S	8.502 M/S
32 K	31.842 M/S	13.882 M/S	61.431 M/S	15.463 M/S
64 K	96.794 M/S	30.317 M/S	89.490 M/S	20.104 M/S
128 K	114.427 M/S	58.531 M/S	121.820 M/S	30.481 M/S
256 K	112.820 M/S	64.468 M/S	145.917 M/S	37.653 M/S
512 K	128.143 M/S	68.972 M/S	166.008 M/S	53.451 M/S
1024 K	163.272 M/S	64.764 M/S	184.476 M/S	58.706 M/S

RAID5-8 disks Extended Test Performance

Extended Transfer Size	Read Performance	Write Performance
20 M	202.451 M/S	51.941 M/S
30 M	183.191 M/S	51.631 M/S
40 M	204.018 M/S	52.633 M/S
50 M	193.783 M/S	53.557 M/S
60 M	195.968 M/S	53.950 M/S
70 M	204.178 M/S	53.503 M/S
80 M	197.479 M/S	54.051 M/S
90 M	198.565 M/S	54.410 M/S
100 M	204.398 M/S	54.005 M/S