



**RocketRAID 3522  
Apple Macintosh Performance Report**

## Apple H/W configuration

Mac Pro Quad Core 2.66  
512MB 533MHz DDR2 SDRAM  
NVIDIA GeForce 6600 display adapter  
PCI-Express 8x slot

## Hard Drives

WD5000ABPS\*8

## S/W configuration

Mac OS X (Leopard) 10.5.1  
AJA KONA System Test version 2.0

## RAID Controller

RocketRAID3522 Firmware Version: v1.2.22.16  
RocketRAID 3522 Mac Driver (v1.0)

<b>Controller Settings</b>	<b>RR3522</b>
WRITE Cache	Enabled
Read Ahead Cache	Enabled
Auto Rebuild	Enabled
Auto Insert	N/A
SMART	Enabled
NCQ	On
Write Through / Write Back*	Write Back
Rebuild Priority*	Medium

**RAID0 File Size 4.0G (MB/s)**

<b>Video Frame Size</b>	<b>READ</b>	<b>WRITE</b>
NTSC DV25	383	382
PAL DV25	379	387
720*486 8-bit	468	480
720*486 10-bit	529	319
720*576 8bit	500	283
720*576 10bit	529	324
1280*720 8-bit	531	328
1280*720 10-bit	525	357
DVCPProHD 720p60	331	272
1920*1080 8-bit	551	560
1920*1080 10-bit	556	346
DVCPProHD1080i50	460	308
DVCPProHD1080i60	449	375
1920*1080 10-bit RGB	546	561
2048*1556 10-bit RGB	546	353

**RAID3 File Size 4.0G (MB/s)**

<b>Video Frame Size</b>	<b>READ</b>	<b>WRITE</b>
NTSC DV25	379	427
PAL DV25	385	443
720*486 8-bit	384	475
720*486 10-bit	467	476
720*576 8bit	443	478
720*576 10bit	454	475
1280*720 8-bit	476	455
1280*720 10-bit	463	480
DVCPProHD 720p60	448	476
1920*1080 8-bit	486	475
1920*1080 10-bit	484	477
DVCPProHD1080i50	410	469
DVCPProHD1080i60	432	474
1920*1080 10-bit RGB	485	458
2048*1556 10-bit RGB	481	500

**RAID5 File Size 4.0G (MB/s)**

<b>Video Frame Size</b>	<b>READ</b>	<b>WRITE</b>
NTSC DV25	354	390
PAL DV25	387	446
720*486 8-bit	396	478
720*486 10-bit	463	477
720*576 8bit	451	475
720*576 10bit	465	460
1280*720 8-bit	475	479
1280*720 10-bit	464	465
DVCPProHD 720p60	450	471
1920*1080 8-bit	479	477
1920*1080 10-bit	484	446
DVCPProHD1080i50	385	477
DVCPProHD1080i60	402	472
1920*1080 10-bit RGB	473	477
2048*1556 10-bit RGB	488	476

**RAID6 File Size 4.0G (MB/s)**

<b>Video Frame Size</b>	<b>READ</b>	<b>WRITE</b>
NTSC DV25	368	394
PAL DV25	381	392
720*486 8-bit	410	416
720*486 10-bit	397	415
720*576 8bit	383	398
720*576 10bit	406	396
1280*720 8-bit	403	399
1280*720 10-bit	406	412
DVCPProHD 720p60	420	414
1920*1080 8-bit	417	429
1920*1080 10-bit	400	399
DVCPProHD1080i50	354	396
DVCPProHD1080i60	346	410
1920*1080 10-bit RGB	416	412
2048*1556 10-bit RGB	412	412