

# Media 100

A business unit of **BORIS FX**

## Media 100 HD Compatible Peripherals Guide

Summer 2006

### Section 1: Media 100 tested configurations

|                  | <b>Good</b>                         | <b>Better</b>              | <b>Best</b>                          |
|------------------|-------------------------------------|----------------------------|--------------------------------------|
| Media 100 System | Media 100 SDe                       | Media 100 HDe              | Media 100 HD Suite*                  |
| Drives           | <a href="#">RAID Inc. Falcon II</a> | Apple Xserve 4 drive array | <a href="#">RAID Inc. Falcon III</a> |
| CPU              | Dual core 2.3 ghz                   | Dual core 2.0 ghz          | Quad core 2.5 ghz                    |
| Graphics Card    | Nvidia GeForce 6600 256mb           | Nvidia GeForce LE 128mb    | Nvidia GeForce 6600 256mb            |

\* dual core 2.0 ghz with a Nvidia GeForce 6600 LE 128mb with the Fibrenetix Qubex was also tested in the configuration.

### Section 2: Computers

|                                 | <b>Good</b>                 | <b>Better</b>               | <b>Best</b>                     |
|---------------------------------|-----------------------------|-----------------------------|---------------------------------|
| <b>Apple model number</b>       | M9590LL/A                   | M9591LL/A                   | M9592LL/A                       |
| <b>Processor</b>                | Dual-core 2GHz PowerPC G5   | Dual-core 2.3GHz PowerPC G5 | Two dual-core 2.5GHz PowerPC G5 |
| <b>Minimum OS</b>               | 10.4.6                      | 10.4.6                      | 10.4.6                          |
| <b>QuickTime version</b>        | 7.1                         | 7.1                         | 7.1                             |
| <b>Minimum RAM Requirements</b> | 2 gigs**                    | 2 gigs**                    | 2 gigs**                        |
| <b>Graphics Card</b>            | Nvidia GeForce 6600LE 128mb | Nvidia GeForce 6600 256mb   | Nvidia GeForce 6600 256mb       |

\*\* Testing performed with 533 Non ECC SDRAM.

### Section 3 Host Cards and striping software

| Manufacturer | Card Model | Card Type | Card firmware |
|--------------|------------|-----------|---------------|
| Atto Tech    | UL5D       | SCSI      | v1.50***      |
| Atto Tech    | 42ES       | Fibre     | v1.10***      |
| Atto Tech    | 41ES       | Fibre     | v1.10***      |

\*\*\* You can find the most recent firmware for your Atto card at <http://www.attotech.com/software/index.html>

| Software            | Version |
|---------------------|---------|
| Atto Express Stripe | 4.0     |
| Apple Disk Utility  | 10.5.5  |

#### Slot configuration:

|   |                    |
|---|--------------------|
| 4 | SDe, HDe, HD Suite |
| 3 | Empty              |
| 2 | Host adaptor       |
| 1 | Graphics Card      |

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#### Section 4 Drives:

| Drive manufacturer                  | Capacity | Number of Drive Mechanisms | External Host Adaptor | Configuration   |
|-------------------------------------|----------|----------------------------|-----------------------|---|
| <b>HD Playback</b>                  |          |                            |                       |   |
| RAID Inc <a href="#">Falcon III</a> | 3.4 TB   | 16 x 250gb                 | Atto 42ES             | Hardware raid is set up striping 8 drives on each channel in a raid 0 and then striping those drives together in Atto express Stripe 4.0      |
| <b>SD Playback****</b>              |          |                            |                       |   |
| RAID Inc <a href="#">Falcon II</a>  | 1.7 TB   | 8 x 250 gb                 | Atto UL5D             | Hardware raid is set up striping 4 drives on each channel in a raid 0 configuration and then striping those drives in Atto Express Stripe 4.0 |
| Apple Computers                     | 1 TB     | 4 x 250 gb                 | Atto 42ES             | Drives are striped in Apple Disk Utility in Raid 0 configuration  |

\*\*\*\*Drives listed in the SD playback section may be able to substance throughput for a single stream of HD but you will see performance issued using these drives with HD media.