



	CalDigit HDElement	G-Speed eS
Controller	CalDigit RAID Card	3rd party vendor
Interface	Mini-SAS	eSATA
Substantial cable connection	Yes	No
Independent CPU	Intel XScale	No
Independent cache memory	256 MB	0 MB
True hardware RAID	Yes	No
Mac OS X Bootable	Yes	No
ASTT	Yes	No
Support SNMP	Yes	No
Supports PCI-e G5	Yes	No
Screwless cool swappable fan	Yes	No
Cool swappable power supply	Yes	No
All aluminum enclosure	Yes	No
RAID levels supported	0, 1, 5, 6, JBOD	0, 1, 5, JBOD
RAID 0 maximum performance	Read: 440 MB/s Write: 381 MB/s	Read: 229 MB/s Write: 207 MB/s
RAID 5 maximum performance	Read: 361 MB/s Write: 300 MB/s	Read: 172 MB/s Write: 158 MB/s
RAID 6 maximum performance	Read: 228 MB/s Write: 198 MB/s	Not supported
Rebuild time per 100GB	29 minutes	173 minutes
Uncompressed 10-bit HD in RAID 5	Yes	No
Single vendor manufactured	Yes	No
Price	4TB HDElement with CalDigit RAID Card \$1499.00	G-SPEED eS – with PCIe x4 HighPoint 2314 card \$1399.00

G speed es statistics taken from website, rebuild time tested by CalDigit. The 6TB HDElement's testing was conducted by CalDigit on Dec. 3 2008 using Apple Mac Pro, 8-core 2.8 GHz. The 6TB HDElement testing was conducted using AJA System Test 2.0, with a 1920x1080 10-bit RGB, File size 2GB. Four Seagate Barracuda 11, SATA 2, 1.5TB hard drives were used. Actual performance may vary from system to system. Intel XScale core processor is a registered trademark of Intel. G-Speed eS is a Registered Trademark of G-technology Inc.