



2U 24-bay Green Flash Server or Appliance

Imagine 60,000 IOs per second from a 2U server. That performance is the equivalent of 240 Serial Attached SCSI hard disks.

If you need that much throughput, the savings using EasyCo's 2U are phenomenal. You will save over \$10,000 a year in power and cooling alone, not to mention half a rack of space.



More importantly, you will get more useful IOPS. Total IOPS is useful if you are trying to run a database with a large number of users. But if you are trying to print out a shipping manifest or do an end of month report, it won't help.

This MFT server gives you single thread outputs of up to 8,000 IOPS: 30 times the single thread output of SAS drives. To quote one customer: "My end-of-day job went from 10 hours 55 minutes to 27 minutes.

But even if you don't need 60,000 IOPS, MFT appliances and servers pay for themselves. To begin with, they cost less per gigabyte than equivalent sized SAS hard disk arrays.

As important, MFT based appliances and servers deliver IOPS to users at up to 30 times the random speed of SAS disks. This results in screens that render faster, and applications

that are more crisp and responsive. The bottom line here is more productive employees and happier customers when they use on-line applications.

Chassis Model	SuperMicro SC-216A-R900UB		
Chassis Size	2U rackmount – 24.8" deep		
Power Supply	900 watt redundant		
Motherboard	Supermicro X7DWU		
CPU	Single Xeon X5460 quad core 3.16ghz expandable to two		
RAM	16 to 64 GB – FB-DDR2-667		
LAN	Dual GigE		
Available Slots	Up to 6		
Flash SSD Capacity	Up to 3 TB		
Populated with 24 MFT-1000 Flash SSDs			
Flash SSD size	32GB	64GB	128GB ¹
4K IOPS (single thread)	8,000		
4K IOPS read	65,000		
4K IOPS write	60,000		
Gross capacity	768 GB	1.5 TB	3 TB
Usable space with RAID-5	633 GB	1.23 TB	2.47 TB
Base Price	\$23,685	\$30,855	\$42,855

¹128 GB MFT-1000 drives are available 9/08. Exact pricing TBD.

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