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# Excel Meridian Data Product Matrix

for *Direct Attached Storage / RAID Solutions*

Feature	DAS / RAID Solutions						
	SecurStor SATA series	SecurStor SATA FC-R	SecurStor XRS	SecurStor 12i IP SAN	SecurStor 2500	SecurStor SAS	TravelStor 8c
Footprint/architecture	2U, 3U, 4U Rackmount	3U and 4U Rackmount	2U and 3U Rackmount	2U Rack Mount	1U Rackmount scalable with External RAID JBOD's	2U Rackmount	8 bay Tower or 3U Rackmount convertible
Drive Type	SATA-I & SATA-II	SATA-II	SATA-II	SATA-II	SATA-I or Fibre Channel	4GB Fibre Channel SAS	SATA-II
Max. Drives in DAS	8, 12, 16, 24	16, 24	8, 12, 16	12	Scalable with Multiple JBOD Chassis	<b>C O M I N G</b>	8
GB/HD	36-750 GB	36-750 GB	36-750GB	40-750GB	36GB-500GB		36-750GB
RAW DAS Max. Capacity	6 TB, 9 TB, 12 TB, 18 TB	12 TB, 18 TB	6 TB, 9 TB, 12 TB	9 TB	Up to 635 Hard Drives		6 TB
CPU- RAID Controller	64 Bit RISC	64 Bit RISC	64 Bit RISC	64 Bit RISC	64 Bit RISC		64 Bit, 400MHz CPU with 32KB/32KB I/O Cache and 256KB L2 Cache
RAID Controller- Drive/Host	HW RAID, SATA to Ultra320 SCSI or 2GB, 4GB Fibre Channel	Single or Dual Redundant HW RAID, SATA to 2GB Fibre Channel	HW RAID, SATA-II to SCSI320 or Dual 2Gb Fibre/4GB	HW RAID, SATA-2 to (2) Gigabit Ethernet Ports	Dual Redundant HW RAID, FC 2GB Dual 2Gb Fibre	<b>S O O N</b>	HW RAID, SATA-II to Ultra320 SCSI
Cache RAM	Up-to 2GB	Up-to 2GB per controller	512 MB or 1 GB	512 MB or 1 GB	Up-to 2GB per controller		128 MB upgradeable to 512 MB or 1 GB
Integrated Backplane	Yes	Yes	Yes	Yes	N/A		Yes
PS Wattage	460 or 405 Watt Redundant and Load Sharing	460 or 405 Watt Redundant and Load Sharing	350 Watt Redundant and Load Sharing	350 Watt Redundant and Load Sharing	300W Redundant Hot Swap		Redundant Hot Swap 250W available
Power Input	110/220V 60/50Hz	110/220V 60/50Hz	110/230V 60/50Hz	115VAC at 6A, 47-63Hz	90/240 v Auto-Switching	90-260V Auto-Switching	
Battery Backup	Optional, Yes	Yes	Optional, Yes	Optional, Yes	Yes, 60 Hours for on-board Cache	Optional, Yes	
HS PS	Yes	Yes	Yes	Yes	Yes	Yes	
HS Fans	Yes	Yes	Yes	Yes	Yes	No	
HS Hard Drives	Yes	Yes	Yes	Yes	Yes	Yes	
LCD Keypad Front	Yes	Yes	Yes	No	Yes	Yes	
Total U Rackmount	2U, 3U and 4U	3U and 4U	2U and 3U	2U	Variable	2U	Tower or 3U
RAID Options	RAID 0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60, NRAID, JBOD	RAID 0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60, NRAID, JBOD	RAID 0, 1, 0+1, 3, 5, 6, JBOD	RAID 0, 1, 0+1, 3, 5, 10, 30, 50, NRAID, JBOD	RAID 0, 1, 0+1, 3, 5, 10, 30 and 50		RAID 0, 1, 0+1, 3, 5, 10, 30, 50, NRAID, JBOD

