





	IPDATA-WUDSS Unified (NAS+IP/SAN) Storage Appliances			Expansion Modules: Dedicated Storage Array		
	 SH-Class Modular Storage Head	 SHE-Class Modular Storage Head	 S-Class Integrated Storage System	 S-Class iSCSI Storage Array	 SD-Class DAS-RAID Storage Array	 SDE-Class DAS-JBOD Storage Array
Appliance Operating System	Microsoft Windows Data Unified Storage Server 2003	Microsoft Windows Data Storage Server 2003 Enterprise	Microsoft Windows Data Unified Storage Server 2003	Microsoft Windows Data Unified Storage Server 2003	RAID Storage Subsystem for SH/SHE/S PCIe Host	JBOD Storage Expander for SH/SHE/S PCIe RAID Host
Storage-Functions Primary						
Storage Centralization and Virtualization	Yes	Yes	Yes	Yes	Yes	Yes
NAS: File System Support	Yes, Gateway Only	Yes, Gateway Only	Yes, Integrated Storage	Optional	-	-
SAN: iSCSI Block Level Support (Initiator)	Yes	Yes	Yes	Optional	-	-
SAN: iSCSI Block Level Support (Target)	Yes, Storage Module Req	Yes, Storage Module Req	Yes, Integrated Storage	Yes	-	-
DAS: Block Level Support	-	-	-	-	Yes, for SH/SHE/S - Class	Yes, for SH/SHE/S - Class
Storage-Data High Availability						
Heads: Active/Passive w/Shared Storage	No	Yes	No	No	-	-
Heads + Storage: Active/Passive Failover & Mirroring Storage	3rd Party (Double-Take)	-	3rd Party (Double-Take)	3rd Party (Double-Take)	-	-
Data: D2D Synchronous Mirroring over LAN	Yes, Software RAID-1	No	Yes, Software RAID-1	Yes, Software RAID-1	Yes, Array2Array thru HBA	Yes, Array2Array thru HBA
Storage-Data Recovery						
File Recovery: Quick File-Level PiT Restore						
- Data: VSS Snapshots, Upto 256 Copies	Yes	Yes	Yes	Yes	-	-
Disaster Recovery: Byte-Level Replication						
- Local: D2D Asynchronous Mirroring over LAN	Yes	Yes	Yes	Yes	-	-
- Remote: D2D Asynchronous Mirroring over WAN	Yes	Yes	Yes	Yes	-	-
Storage- Services Productivity						
Productivity Enhancements						
- Enhanced File Search Indexing	Yes	Yes	Yes	Yes	-	-
- Single Instance Storage	Yes	Yes	Yes	Yes	-	-
- SharePoint Collaboration	Yes	Yes	Yes	Yes	-	-
Branch Office Support						
- DFS Virtualized Namespace	Yes	Yes	Yes	Yes	-	-
- Advanced Print Management	Yes	Yes	Yes	Yes	-	-
Storage-Management Console						
Web-based Remote Manager	Yes	Yes	Yes	Yes	Yes	Yes
Centralized NAS/SAN Management	Yes	Yes	Yes	Yes	-	-
Logical Volume Management	Yes	Yes	Yes	Yes	Yes	Yes
Deployment Automation	Yes	Yes	Yes	Yes	-	-
Monitoring, Logging and Notifications	Yes	Yes	Yes	Yes	Yes	Yes
Storage Capacity (Built-In)						
	No, Storage Array Required	No, Storage Array Required	Yes (4 to 16TB Models)	Yes (4 to 16TB Models)	16TB, Expandable to 64TB	16TB
Appliance Models						
	SH150-WUDSS	SHE150-WUDSS	S150-WUDSS (4TB)	S150-WUDSS (4TB)	SD-120 (4TB, SCSI-to-SATA2)	SDE-250(16TB, SAS-to-SATA2)
	-	-	S1500-WUDSS (4TB)	S1500-WUDSS (4TB)	SD-220 (16TB, SCSI-to-SATA2)	-
	-	-	S2500-WUDSS(8TB)	S2500-WUDSS(8TB)	SD-250 (16TB, SAS-to-SATA2)	-
	-	-	S3500-WUDSS(16TB)	S3500-WUDSS(16TB)	SD-250F (16TB, SAS-to-SAS)	-
Storage Expansion						
Exp Ports (GbE): External for iSCSI Array	2 x 1GbE	2 x 1GbE	2 x 1GbE (ToE Optional)	2x1GbE (ToE Optional)	-	-
Exp Ports (10-GbE) Option: Ext for iSCSI Array	Yes	Yes	Yes	Yes	-	-
Exp Modules Option for iSCSI Array Support	Yes, S-Class Array	Yes, S-Class Array	Yes, S-Class Array	Optional	-	-
Exp Ports Option: External for DAS Array	Yes, FC or SAS Host Channels	Yes, FC or SAS Host Channels	Yes, FC or SAS Host Channels	Yes, FC or SAS Host Channels	Yes, FC or SAS Host	Yes, FC or SAS for RAID
HostExp Modules Option for DAS Array Support	Yes, thru SD/SDE-Class Array	Yes, thru SD/SDE-Class Array	Yes, thru SD/SDE-Class Array	Yes, thru SD/SDE-Class Array	Yes, SAS SDE Expander	-
Physical: Storage System Hardware						
Data Storage Capacity (Max)	None, OS Disk Only	None, OS Disk Only	4TB to 16TB	4TB to 16TB	Upto 16TB (Max 64TB)	Upto 16TB
Data Disk Type	SATA2	SATA2	SATA2	SATA2	SATA2 or SAS	SATA2 or SAS
RAID Controller w/ Cache + Battery BU	PCIe, Single for OS	PCIe, Single for OS	PCIe, Single for OS/Data	PCIe, Single for OS/Data	Embedded, Single for Data	Embedded, None
RAID Levels (OS/Data)	Mirror-RAID1 (OS)	Mirror-RAID1 (OS)	RAID-5 or 0, 6, 10 (OS/DATA)	RAID-5 or 0, 6, 10 (OS/DATA)	RAID-5 or 0, 6, 10 (DATA)	RAID-5 or 0, 6, 10 (DATA)
Networking Features						
Trunking/Teaming/Jumbo Framing	Yes	Yes	Yes	Yes	-	-
Multipathing: MPIO Support	Yes	Yes	Yes	Yes	-	-
3rd Party Storage Application Support						
Storage Clustering: Double Take Software	Double Take for Windows	-	Double Take for Windows	Double Take for Windows	-	-
Storage Clustering: Symantec (Veritas)	Veritas Storage Foundation	-	Veritas Storage Foundation	Veritas Storage Foundation	-	-
File System Clustering: Sanbolic	-	-	-	Melio File System Cluster	-	-
Application Backup/CDP: Symantec	Backup Exec for Windows	Backup Exec for Windows	Backup Exec for Windows	-	-	-
Anti-Virus Software Support	Multiple Vendors	Multiple Vendors	Multiple Vendors	Multiple Vendors	-	-