







	IPDATA-LX 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	Embedded Storage OS Linux Kernel 2.6					
Storage-Functions Primary	Storage Centralization and Virtualization NAS: File System Support SAN: iSCSI Block Level Support (Initiator) SAN: iSCSI Block Level Support (Target) DAS: Block Level Support					
	Yes	Yes	Yes	Yes	Yes	Yes
	Yes, Gateway Only	Yes, Gateway Only	Yes, Integrated Storage	Optional	-	-
	Yes	Yes	Yes	Optional	-	-
	Yes, Storage Module Req	Yes, Storage Module Req	Yes, Integrated Storage	Yes	-	-
	-	-	-	-	Yes, for SH/SHE/S - Class	Yes, for SH/SHE/S - Class
Storage-Data High Availability	Heads: Active/Passive w/Shared Storage Heads + Storage: Active/Passive Failover & Mirroring Storage Data: D2D Synchronous Mirroring over LAN					
	No	Yes	No	No	-	-
	Optional, SFM Upgrade)	-	Optional, SFM Upgrade	Optional, SFM Upgrade	-	-
	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: Snapshots, Upto 64 Copies Disaster Recovery: Byte-Level Replication - Local: D2D Asynchronous Mirroring over LAN - Remote: D2D Asynchronous Mirroring over WAN					
	Yes	Yes	Yes	Yes	-	-
	Yes	Yes	Yes	Yes	-	-
	Yes	Yes	Yes	Yes	-	-
Storage-Management Console	Web-based Remote Manager Centralized NAS/SAN Management Logical Volume Management Deployment Automation Monitoring, Logging and Notifications					
	Yes	Yes	Yes	Yes	Yes	Yes
	Yes	Yes	Yes	Yes	-	-
	Yes	Yes	Yes	Yes	Yes	Yes
	Yes	Yes	Yes	Yes	-	-
	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-LX SHE150-LX S150-LX (4TB) S150-LX (4TB) SD-120 (4TB, SCSI-to-SATA2) SDE-250(16TB, SAS-to SATA2)					
	-	-	S1500-LX (4TB)	S1500-LX (4TB)	SD-220 (16TB, SCSI-to-SATA2)	-
	-	-	S2500-LX(8TB)	S2500-LX(8TB)	SD-250 (16TB, SAS-to-SATA2)	-
	-	-	S3500-LX(16TB)	S3500-LX(16TB)	SD-250F (16TB, SAS-to-SAS)	-
Storage Expansion	Exp Ports (GbE): External for iSCSI Array Exp Ports (10-GbE) Option: Ext for iSCSI Array Exp Modules Option for iSCSI Array Support Exp Ports Option: External for DAS Array HostExp Modules Option for DAS Array Support					
	2 x 1GbE	2 x 1GbE	2 x 1GbE (ToE Optional)	2x1GbE (ToE Optional)	-	-
	Yes	Yes	Yes	Yes	-	-
	Yes, S-Class Array	Yes, S-Class Array	Yes, S-Class Array	Optional	-	-
	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
	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) Data Disk Type RAID Controller w/ Cache + Battery BU Operating System Disk					
	None, OS Disk Only SATA2	None, OS Disk Only SATA2	4TB to 16TB SATA2	4TB to 16TB SATA2	Upto 16TB (Max 64TB) SATA2 or SAS	Upto 16TB SATA2 or SAS
	PCIe, Single for OS Flash, Fail-Safe	PCIe, Single for OS Flash, Fail-Safe	PCIe, Single for OS/Data Flash, Fail-Safe	PCIe, Single for OS/Data RAID-5 or 0, 6, 10 (OS/DATA)	Embedded, Single for Data RAID-5 or 0, 6, 10 (DATA)	Embedded, None RAID-5 or 0, 6, 10 (DATA)
Networking Features	Trunking/Teaming/Jumbo Framing Multipathing: MPIO Support					
	Yes	Yes	Yes	Yes	-	-
	Yes	Yes	Yes	Yes	-	-
3rd Party Storage Application Support						
Application Backup (3rd Party Vendors) Support	-	-	-	-	-	-
Veritas, Legato, BRU, Amanda, Areka	Yes	Yes	Yes	Yes	-	-