

# No one protects your data better.

### EASY TO OWN, OPERATE, AND MANAGE

You'll find the iStoRA data protection server fits perfectly in small and medium-sized business, or in larger companies' departmental and remote applications. It comes with a fully integrated Windows server, up to 4 TB raw RAID disk, and a 10-slot tape autoloader — all in one optimized package. With iStoRA, it's as simple as plugging it in and installing your preferred data protection application — then you are ready to go. It almost seems to run itself.

### NO MORE INTEGRATION HEADACHES

You don't have to do the shopping anymore. Think of the time you will save when you don't have to research components and hope they will all work together. With the iStoRA, you get components that have been fully tested and integrated for you. Its architecture allows robust protection schemes without the complexity and IT intervention normally associated with multi-layered data protection.

### BEST OF TAPE AND DISK IN ONE PACKAGE

With the fully integrated iStoRA, you don't have to make a choice between disk and tape — you get the best of both. iStoRA combines the portability and cost savings of tape with the speed and performance of disk, providing protection for more servers in less time. The internal migration of data from disk to tape eliminates network congestion.

### BACKED BY SERVICE AND SUPPORT

No one supports you better. Breece Hill provides outstanding customer support services, including a technical support help desk, an online tech support center, plus several optional service upgrades so that you can be protected around-the-clock, any day of the week.

### HIGHLIGHTS

- Saves significant IT staff time and headaches by integrating server, disk, and tape autoloader — all in one 4U package. Provides lower total cost of ownership than what you can get from mixing and matching parts yourself.
- Delivers performance, reliability, and quality by using industry-leading components. Fully certified with leading data protection software packages.
- Minimizes downtime and permits business continuity with RAID, redundant power supplies, and field serviceability. Simplified hardware support with a single platform.
- Provides increased flexibility and simplified integration by easily attaching to your network.
- Protects your investment and saves money with upgrade and expansion capabilities.



# iStoRA™ DATA PROTECTION SERVER

## SPECIFICATIONS

iStoRA G4 configurations	G4E	G4S	G4X
<b>Disk</b>			
Raw capacity	1.5 TB	4 TB	4 TB
Number of hard disk drives	6	8	8
Size of disk	250 GB	500 GB	500 GB
Logical disk setup	RAID 5	RAID 5	RAID 5
<b>Server</b>			
Memory	512 MB	2 GB	2 GB
CPU	Celeron D	Core 2 Duo	Quad Core Xeon
<b>Tape library</b>			
Media	LTO-2 HH	LTO-3 HH	LTO-3 FH
Library storage capacity			
Native	2 TB	4 TB	4 TB
Compressed	4 TB	8 TB	8 TB
Data transfer rate			
Native	24 MB/sec	60 MB/sec	80 MB/sec
Compressed	48 MB/sec	120 MB/sec	160 MB/sec
Data cartridge capacity			
Native	200 GB	400 GB	400 GB
Compressed	400 GB	800 GB	800 GB
Average file access time	64 sec	64 sec	53 sec
Drive MTBF	250,000 hrs	250,000 hrs	250,000 hrs
Barcode reader and labels	Yes	Yes	Yes
WORM-capable	No	Yes	Yes
<b>Network interfaces</b>	10/100/1000 2 GigE	10/100/1000 2 GigE	10/100/1000 2 GigE
<b>Supported operating systems</b>	Windows Server 2003 STD	Windows Server 2003 STD	Windows Server 2003 STD
<b>Supported products</b>	Arkeia Network Backup, Bakbone NetVault, CommVault Galaxy Backup & Recovery, Computer Associates BrightStor and ARCserve, EMC Retrospect, FalconStor IPStor and Virtual Tape Library, Front Porch Digital DIVArchive, Microsoft RSM, Windows Backup, QStar HSM, Symantec Backup Exec and NetBackup, XenData Archive Series Software, Visit <a href="http://www.breecehill.com">www.breecehill.com</a> for full details		
<b>Dimensions</b>			
Height	7 in (17.8 cm) 4U rack-mount only		
Depth	31 in (78.7 cm)		
Width	17.5 in (44.5 cm)		
Weight	75 lbs (34 kg)		
Operating temperature	50° F to 95° F (10° to 35° C)		
Operating humidity	20% to 80% non-condensing		
Safety	UL 60950, cUL (CSA 22.2-60950), IEC 60950, CB Report		
Emissions	FCC Part 15 Class A, CISPR 22 Class A		
CE	EN 55024, EN 60950, EN 55022, EN 61000-3-2, EN 61000-3-3		
<b>Warranty</b>			
Repair	5 x 9 x 8 onsite repair; upgradeable to 7 x 24 x 4 onsite repair		
Optional spares	Disk module		

Breece Hill proudly features the following best-in-class providers:

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Microsoft

### For questions about Breece Hill products, contact:

Breece Hill, LLC  
10955 Westmoor Drive, Suite 400  
Westminster, CO 80021  
[www.breecehill.com](http://www.breecehill.com)  
[sales@breecehill.com](mailto:sales@breecehill.com)

Tel 303.664.8200  
Toll free 800.941.0550  
Fax 303.379.2165  
Europe Tel +44.870.165.5500



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