



“ For over a decade Coolspirit have been supplying the UK’s top organisations with storage products and solutions so be assured we will meet your requirements head on.

It’s all about getting things right first time, quickly and simply! ”

**Damon Robertson**  
Coolspirit Ltd

**Our address**

24 The Bridge Business Centre  
Beresford Way  
Chesterfield  
S41 9FG

**Get in touch**

Call us on: 01246 454222  
Email us: [web@coolspirit.co.uk](mailto:web@coolspirit.co.uk)  
Find us: [View location map](#)  
Web: [www.coolspirit.co.uk](http://www.coolspirit.co.uk)

**Office hours**

mon - thurs 8:30am - 5:30pm  
fri 8:30am - 5pm  
sat - sun Closed

“ Boost your storage buying power...  
use ours! ”

Buy with confidence from  
Coolspirit your authorised  
HP Partner





## HP StorageWorks 1/8 G2 Tape Autoloader

Data sheet

Automate your backup with a tape autoloader that provides a choice of LTO Ultrium tape drives, remote management, data encryption, and proactive drive and media health monitoring.

The HP StorageWorks 1/8 G2 Tape Autoloader provides a cost-effective, easy-to-install, unattended backup that is ideal for an entry-level or remote office automated backup solution. The HP 1/8 G2 autoloader combines incredible storage density and tape library features into a compact 1U form factor. Capable of up to 24 TB of compressed capacity in only a 1U form factor, the autoloader is well equipped to offer room for uncertain data growth. Web-based remote management offers the capability to quickly and easily access, configure, monitor and troubleshoot the autoloader that will reduce dependencies on local IT staff while allowing multiple sites to be supported centrally. Protect confidential business information with native encryption, ensuring that if a tape is lost or stolen your data is protected from unauthorised access. Proactively monitor utilisation, operational performance, as well as life and health information for both the drive and media with TapeAssure.

### Key features and benefits

- **Exceptional storage density value**
  - The 1/8 G2 Tape Autoloader packs up to 24 TB of compressed capacity in only a 1U form factor using either an LTO-5 Ultrium 3000 SAS or FC tape drive.
- **Easy to manage and use**
  - Each autoloader includes one mail slot, two removable 4-slot magazines for bulk loading of media, and a convenient bulk storage unit for moving media offsite.
  - The bar code reader provides faster inventory times and facilitates tracking of media.
  - The web-based remote management feature helps access, configure, monitor and troubleshoot the 1/8 G2 Tape Autoloader.
- **Full featured**
  - Allows you to proactively monitor drive and media utilisation, operational performance, life and health information for drive and media with TapeAssure.
  - Offers a high level encryption capability with the HP 1/8 G2 Encryption Kit. The kit is quickly installed into an LTO-5 or LTO-4 Ultrium autoloader and maintains up to 100 encryption keys ensuring data privacy to secure confidential business information for tape cartridges located on or offsite.
  - Provides you with everything needed in the box. The 1/8 G2 includes HP Data Protector Express Basic backup and recovery software.



## Technical specifications



### HP StorageWorks 1/8 G2 Tape Autoloader

Family comparison	LTO-5 Ultrium 3000	LTO-4 Ultrium 1760	LTO-3 Ultrium 920
Number of tape drives	1	1	1
Number of cartridge slots	8	8	8
Maximum capacity (Compressed 2:1)	24 TB	12.8 TB	6.4 TB
Maximum sustained transfer rate (Compressed 2:1)	1.0 TB/hr	576 GB/hr	432 GB/hr
Form factor	1U	1U	1U
Interface	6 Gb/sec SAS 8 Gb Fibre Channel	3 Gb/sec SAS Ultra320 LVD SCSI	3 Gb/sec SAS Ultra320 LVD SCSI
Warranty	1/0/0	1/0/0	1/0/0
QuickSpec URL	<a href="http://h18000.www1.hp.com/products/quickspecs/12630_div/12630_div.pdf">http://h18000.www1.hp.com/products/quickspecs/12630_div/12630_div.pdf</a>		

## The Total Package – Software

### HP Data Protector Express Basic backup and recovery software

The HP StorageWorks 1/8 G2 Tape Autoloaders include HP Data Protector Express Basic backup and recovery software. Data Protector Express Basic is based on HP Data Protector Express software. It is an easy-to-use backup and recovery application that is installed in minutes and includes all the features needed to protect a single machine by backup to a HP StorageWorks tape product. Data Protector Express Basic includes pre-defined and customizable media rotation schemes so you can define when you backup and how long your backups are retained, while easily managing your tape data cartridges.

## Warranty

HP warrants only that the software media will be free of physical defects for a period of ninety (90) days from delivery. For more information about HP's Global Limited Warranty and Technical Support, visit:

[www.hp.com/products/storageworks/warranty](http://www.hp.com/products/storageworks/warranty)

## Service and Support

### HP Factory Express

HP Factory Express is designed to help you get a better return from your IT investment by providing customisation, integration and deployment services along with your storage and server purchases. It provides predictable, trusted and tested IT solutions tailored to your business needs. We allow you to customise hardware to your exact specifications in the factory – helping to speed up deployment and free up internal resources.

[www.hp.com/go/factoryexpress](http://www.hp.com/go/factoryexpress)

### Customer technical training

Consider education as an integral part of your strategy to get the best return on investment for your HP storage solution. HP offers a variety of training courses on storage software, networking, archiving and disk storage systems. Our classes are available in many delivery modalities from traditional instructor-led courses at one of our 80 training centres worldwide to on-site training customised to your needs or online. [www.hp.com/learn/storage](http://www.hp.com/learn/storage)

### HP Financial services

HP Financial Services provides innovative financing and financial asset management programmes to help customers cost-effectively acquire, manage and ultimately retire their HP solutions. For more information on these services, please contact your HP representative or visit

[www.hp.com/go/hpfinancialservices](http://www.hp.com/go/hpfinancialservices)

## HP Services

HP Technology Services – consultants and support experts to solve your most complex infrastructure problems. Boost availability and avoid downtime with our expert services.

### Recommended Services

- **3-Year HP Support Plus 24 Service:** For a higher return on your storage technology, our 3-year combined reactive support service delivers integrated onsite hardware/software support services available 24x7x365, including access to HP technical resources, 4-hour response onsite hardware support and software updates.
- **HP StorageWorks Autoloader and MSL SCSI/SAS Hardware Installation:** For smooth start-up and better business outcomes, this service provides initial hardware installation of your product into your technology environment (system configuration is not included).
- **HP Proactive Select Service:** For enhanced reactive support, this service offers a menu of selectable proactive services to help you accelerate the ROI of your IT environment and more quickly take advantage of your investment.

### Related Services

- **HP Backup and Recovery Solution Service for Data Protector:** Helping you to design an architecture that meets your requirements, HP will deploy Data Protector, validate your configuration and integrate the backup software solution into your existing or new storage infrastructure.

For more information, contact your HP sales representative or HP-authorized Channel Partner or, visit: [www.hp.com/hps](http://www.hp.com/hps)

Step up your storage efficiency with a comprehensive automated backup solution; visit: [www.hp.com/go/tape](http://www.hp.com/go/tape)

Share with colleagues



**Get connected**

[www.hp.com/go/getconnected](http://www.hp.com/go/getconnected)

Current HP driver, support, and security alerts  
delivered directly to your desktop

© Copyright 2007–2008, 2010 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

4AA0-9872EEW, Created February 2007; Updated October 2010, Rev. 4

