



S E R I E S

**datto**

# Simple. Flexible. Affordable.

## G SERIES SIMPLICITY

The Datto G Series is the perfect automated on- and off-site backup solution for small to medium sized businesses. Simply put, the device stores data locally on the device and uses a powerful backup engine to transmit and synchronize mirrored data off-site to secure bi-coastal data centers, combining the convenience of on-site availability with the added protection and security of redundant off-site backups.

Tape drive systems and other forms of removable media require manual intervention to manage day-to-day backup routines. The G Series completely automates local and off-site backup, allowing you to set your protocols and let the G take care of the rest. The combination of automation, ease of use and on- and off-site protection ensures your data is always accessible and secure, regardless of any local failure or catastrophe. Reinvented for 2012, the dependable performance and affordability of the G Series remains, but upgrades to the feature set include more flexibility in bundled software. The new G Series also performs data deduplication and local compression, valuable features we've made standard components in every Datto solution.

## FLEXIBILITY

You have options when you order a G Series device. The G Series is compatible with virtually any 3rd party backup software. Datto offers bundling options for StorageCraft ShadowProtect and ShadowSnap. Select a backup software from our offerings or use your own. G Series devices can even be used without any software as a network attached storage (NAS) device. The choice is yours.

Multiple model configurations in the G Series means there is a device with the right size and configuration for any small to medium sized business. G Series devices range in storage capacity from 250GB to 5TB and RAID configuration is available on select models.

Too many choices? Speak to a Datto Sales Executive to help determine which model best suits your needs based on the type and amount of data you wish to backup. Trouble selecting software? A Datto Sales Executive can review your backup and disaster recovery management preferences and direct you to the appropriate software.

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This is the power of the Datto G Series.

## TAKE CONTROL FROM AFAR

With the available Lights Out Management (LOM) option, you can control your G-Series remotely even when the device is off. The LOM card provides a dedicated network interface that allows you to perform hardware diagnostics and gives you remote keyboard, video and mouse access. LOM gives you control and peace of mind even when the device is thousands of miles away.

## SHADOWSNAP - INSTANT OFF-SITE VIRTUALIZATION

If you choose to load your G Series device with ShadowSnap software (only available through Datto), you will have the added feature of instant off-site virtualization. ShadowSnap allows for the transmission of boot-ready .VMDK backup files to Datto's off-site data centers. These images can be mounted through the Snap web interface to virtualize servers instantly.

## SHADOWPROTECT

StorageCraft ShadowProtect provides fast and reliable disaster recovery, system migration and data protection for Windows servers. ShadowProtect allows for bare metal restore of the Windows operating system, applications (such as Exchange and SQL) and all of your critical data.



## G SERIES SPECIFICATIONS

	G250	G500	GR500	G1000	GR1000	GX2000	GX3000	GX4000	GX5000
<b>Storage Capacity</b>	250GB	500GB	500GB	1TB	1TB	2TB	3TB	4TB	5TB
<b>Storage Configuration</b>	1 x 250GB	1 x 500GB	2 x 500GB RAID 1	1 x 1TB	2 x 1TB RAID 1	3 x 1TB RAID 10	4 x 1TB RAID 5	5 x 1TB RAID 5	6 x 1TB RAID 5
<b>Processor</b>	2x 1.8 GHz Intel Atom	3.0 GHz AMD Dual Core							
<b>System Memory</b>	2GB	4GB	4GB						
<b>Gigabit Ethernet</b>	1	1	1	1	1	2	2	2	2
<b>Form Factor</b>	Mini ITX	2U Rackmount	2U Rackmount	2U Rackmount	2U Rackmount				

## SECURE OFF-SITE BACKUP

Storing your backup data locally is convenient, but redundant sets of data should be kept off-site for true protection. G series devices retain a local copy of your data on the device and transmit mirrored images of your data to Datto's secure off-site data centers. The data is encrypted using AES 256 + SSL key-based encryption and is stored on redundant drives in our bi-coastal data centers. Datto's data centers are SAS70 Type II Certified, meaning they satisfy the qualifications set by AICPA's Auditing Standards Board. Annual audits of the data centers ensure they maintain optimum standards of performance. The AICPA is widely recognized as the gold standard for assessment of operational controls and activities.

## DEDUPLICATION AND LOCAL COMPRESSION

Datto's G Series uses data deduplication technology to achieve compression rates as high as 20x. Deduplication is the process of finding and eliminating duplicate pieces of data stored in different data sets, like an email attachment sent to 50 employees. Rather than saving 50 instances of the attachment, the attachment is indexed and saved only once. Coupled with local compression, data deduplication dramatically reduces the amount of bandwidth required to transfer files off site, resulting in increased transfer speed and economical use of storage space on the local device. Up to 12 TB on and off-site backup.

## LOADED WITH FEATURES

- Use Any Backup Software
- Active Directory Support
- Local Deduplication
- Local Compression
- Fully Automated
- Affordably Priced
- Easy to Use and Manage
- Lights Out Management Option
- Optional Off-Site Virtualization
- Optional RAID Configuration
- Sizes ranging from 250GB to 40TB
- Compatible with Windows, Mac, or Linux
- AES 256 + SSL Key-Based Encryption
- Mirrored Backups at Bi-Costal Data Centers

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product comparison



Features	G Series	Viridian	SIRIS
ON-SITE BACKUP	●	●	●
OFF-SITE BACKUP AT 2 DATA CENTERS	●	●	●
FREE US BASED TECHNICAL SUPPORT	●	●	●
3 YEAR HARDWARE WARRANTY	●	●	●
NO RECOVERY FEES	●	●	●
FTP ACCESS TO OFF-SITE DATA	●	●	●
POINT TO POINT REPLICATION	OPTIONAL	OPTIONAL	OPTIONAL
BARE METAL RESTORE CAPABILITIES	OPTIONAL	●	●
SECURE LINUX BASED OS	●	●	●
DATA DEDUPLICATION	●	●	●
ZFS SNAPSHOTS		●	●
ON-SITE VIRTUALIZATION		●	●
OFF-SITE VIRTUALIZATION		●	●
INSTANT ON-SITE VIRTUALIZATION			●
INSTANT OFF-SITE VIRTUALIZATION			●
ADVANCED OFF-SITE IMAGE VERIFICATION			●
SCREEN SHOT VERIFICATION OF BACKUPS			●
MESSAGE-LEVEL EXCHANGE RECOVERY			●
GRANULAR SHAREPOINT RECOVERY			●