



# GoVault™

Pocket-sized. Well-armed.

GoVault is an exciting new innovation in backup that incorporates the best features of tape and disk in one easy-to-use solution. GoVault incorporates the latest in 2.5 inch disk technology and has a ruggedized disk shell and removable disk cartridge that is tested to withstand at least a one meter drop without damage. The GoVault removable disk solution is an affordable backup device for small to medium-sized businesses that delivers the performance of high-end tape drives at a fraction of the cost. Use GoVault as a traditional backup device with backup applications like Yosemite Backup (included with the Quantum GoVault) and Microsoft backup, or drag and drop files to GoVault for quick and easy file sharing and archiving. Flexibility, affordability and performance make GoVault a smart data protection solution for the small to medium business.

GoVault is available in 40GB\*, 80GB\* and 120GB\* capacities, all of which are read and write compatible and interchangeable with any GoVault dock, so it's easy to maintain daily backups and organize data. And with maximum transfer rates of up to 34MB/sec\*, performance isn't compromised for convenience and flexibility. GoVault includes a ruggedized cartridge and an intelligent dock that is installed into either a standard 5.25 inch or a 3.5 inch server or desktop bay. GoVault is compatible with all Windows® operating systems, is certified with most major backup software packages and includes GoVault System Software enabling it to be a truly "intelligent" backup device.

UP TO 120GB\* CAPACITY

UP TO A 34MB/SEC\* TRANSFER RATE

"BACKUP READY"

3 YEAR RAPID EXCHANGE WARRANTY

## FEATURES AND BENEFITS

- Choose 40GB\*, 80GB\* or 120GB\* cartridges – interchangeable with any GoVault dock
- Use the GoVault solution as a removable media device to backup your server, or to drag and drop data files
- Run applications or files straight from GoVault
- At just 5.6 ounces, GoVault cartridges weigh no more than most cell phones
- GoVault's ruggedized cartridge can take a fall from one meter to a hard surface without damage

**DRIVE CAPACITY AND PERFORMANCE**

Drive Type	Cartridge Capacity (GB)	Drive Throughput Typical/Max (MB/sec)
GoVault	40, 80, 120	26 / 34

Interface: SATA II

Device Timing (Seek Rates)

Min. 1 track	1.0 msec read, 1.5 msec write
Average	12.5 msec read, 14.5 msec write
Max	22 msec read, 24 msec write
Latency	5.56 msec (average)
Spindle speed	5400 rpm
Start time	3.5 sec
Stop time including eject	3.0 sec

**COMPATIBILITY**

<b>Operating System:</b>	Windows 2000, Windows Server 2003, Windows XP, 32 bit and x64
<b>Backup Software:</b>	Go to <a href="http://www.quantum.com/compatibility">www.quantum.com/compatibility</a> for the most up-to-date tested solutions

**RELIABILITY**

<b>Cartridge:</b>	5,000 insertion/removal cycles
<b>Dock:</b>	5,000 insertion/removal cycles
<b>Dock Service Life:</b>	5 years @ 2.75 insertions per day
<b>MTBF:</b>	375,000 MTBF at 100% duty cycle
<b>Cartridge Archive Life:</b>	>10 years
<b>Unrecoverable Data Rate:</b>	1 error in 10 <sup>14</sup>

**MECHANICAL SHOCK**

<b>Non-Operating Cartridge:</b>	2,000 Gs (2 msec half sine) (1 meter (39.4 inches) drop, hard surface)
<b>Non-Operating System:</b>	40 Gs (11 msec, half sine)

**PHYSICAL SPECIFICATIONS**

Form Factor	Dock	Cartridge
Width (in/mm)	4 / 101.6	3.37 / 85.7
Height (in/mm)	1.63 / 41.3	0.96 / 24.5
Length (in/mm)	6.57 / 167	4.4 / 111.9
Weight (lbs/kg)	16.7 / 500	5.6 / 174

**MECHANICAL VIBRATION (SYSTEM)**
**Operating Reads / Writes System**

<b>Linear:</b>	
<b>Magnitude:</b>	0.2G
<b>Range:</b>	10-500Hz, 2.0 Oct/min., sweep sine
<b>Random:</b>	
<b>Magnitude:</b>	0.2G RMS
<b>Range:</b>	5 to 500Hz, random sweep
<b>Non-Operating Cartridge:</b>	5.0G, 0 to peak, 5 to 500Hz
<b>Non Operating Dock:</b>	
<b>Linear:</b>	
<b>Magnitude:</b>	0.1 inches peak-to-peak
<b>Range:</b>	5-15Hz and 1.0G from 15-500Hz, 1.0 Oct/min sweep rate
<b>Random:</b>	
<b>Magnitude:</b>	0.2G RMS
<b>Range:</b>	5 to 500Hz

**ENVIRONMENTAL**

<b>Operating (System)</b>	
<b>Temperature °F (°C)</b>	50°F to 104°F (10°C to 40°C)
<b>Humidity (%)</b>	20% to 80% RH Non-condensing
<b>Altitude (ft. maximum)</b>	10,000 ft MSL
<b>Non-Operating (Internal Dock)</b>	
<b>Temperature °F (°C)</b>	-40°F to 140°F (-40°C to 60°C)
<b>Humidity (%)</b>	10% to 95% RH Non-condensing
<b>Non-Operating (Cartridge)</b>	
<b>Temperature F (C)</b>	68°F - 86°F (20°C-30°C)
<b>Humidity (%)</b>	20-40% Non-condensing
<b>Voltage (V)</b>	+5, +12
<b>Power Consumption (W)</b>	6

**WARRANTY**

<b>Cartridge:</b>	3 year limited with Rapid Exchange
<b>Dock:</b>	3 year limited with Rapid Exchange

**Model Numbers and Descriptions**

QR1201-B5-SS40	40GB SATA II, Internal Dock, SATA data and power cable, 5.25" black
QR1201-W5-SS40	40GB SATA II, Internal Dock, SATA data and power cable, 5.25" beige
QR1201-B5-SS80	80GB SATA II, Internal Dock, SATA data and power cable, 5.25" black
QR1201-W5-SS80	80GB SATA II, Internal Dock, SATA data and power cable, 5.25" beige
QR1201-B5-SS120	120GB SATA II, Internal Dock, SATA data and power cable, 5.25" black
QR1201-W5-SS120	120GB SATA II, Internal Dock, SATA data and power cable, 5.25" beige

 For contact and product information, visit [quantum.com](http://quantum.com) or call 800-677-6268

# Quantum®

**Backup. Recovery. Archive. It's What We Do.**

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**About Quantum**

Quantum Corp. (NYSE:DSS) is the leading global storage company specializing in backup, recovery and archive. Combining focused expertise, customer-driven innovation, and platform independence, Quantum provides a comprehensive range of disk, tape, media and software solutions supported by a world-class sales and service organization. As a long-standing and trusted partner, the company works closely with a broad network of resellers, OEMs and other suppliers to meet customers' evolving data protection needs.