



# BLACKARMOR® | NAS 220

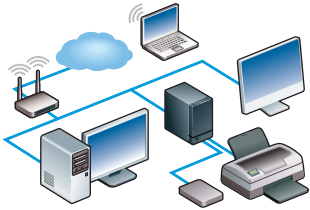
Network Attached Storage Server

**Interface** 10/100/1000 Ethernet, USB 2.0

**Capacities** 2TB, 4TB

## Perfect for when you need to:

- Store and access files from a central, secure location.
- Access and manage files remotely.
- Stream media with DLNA or iTunes®.
- Automatically perform full-system backups on network connected PCs.\*
- Secure files with hardware-based encryption.
- Share a USB printer with network connected PCs and Macs.



## Connectivity

- One Ethernet port for local network connection, web-based management and remote access.
- Two USB 2.0 ports for external drives, printers and uninterrupted power supplies (UPS).
- Two internal SATA II ports.

The BlackArmor® NAS 220 server is a small-business-specific network attached storage solution designed to provide centralized storage and data backup, helping to deliver business continuity for up to 20 PCs. Automatically backup business-critical data with RAID 1 mirroring, full-system backup, SafetyDrill+™ bare metal recovery software and powerful hardware-based encryption.

## Highlights

- Designed to provide centralized storage and data backup for up to 20 PCs.
- Enables automatic data mirroring with RAID 1 configuration.
- Protect network connected PCs with incremental and full-system, automatic backup.\*
- Functions as an FTP server for remote file access.
- Stream media to DLNA® compliant devices and computers running iTunes® software.
- Includes two reliable, user-replaceable Seagate® hard drives.
- Connect external drives, share a printer or utilize an uninterrupted power supply with the two USB 2.0 ports.
- Secure files with powerful hardware-based encryption.
- Integrates with Microsoft® Active Directory.
- Multi-volume management.
- Event email notification.
- 3-year limited warranty.



\* Includes data backup software licenses for 5 PCs. Additional licenses available for purchase at [www.seagate.com](http://www.seagate.com).



## Designed to provide centralized storage and data backup.

### Performance that Keeps Pace with Your Business

The BlackArmor® NAS 220 storage server makes no compromises when it comes to hardware, with Seagate® Barracuda® drives, 800 MHz processor, 128 MB RAM and Gigabit Ethernet port, you will experience incredible performance – including read speeds of up to 40 MB/s in RAID 1 configuration.

The BlackArmor NAS 220 storage server includes two energy efficient, reliable Seagate hard drives, which are user-replaceable, allowing you to upgrade to larger capacity drives as your business grows.



### Expansion

The two rear-mounted USB 2.0 ports allow you to connect external USB hard drives for additional storage, easily share a USB printer with your network connected computers or connect an uninterruptible power supply (UPS) to safeguard from power failure.

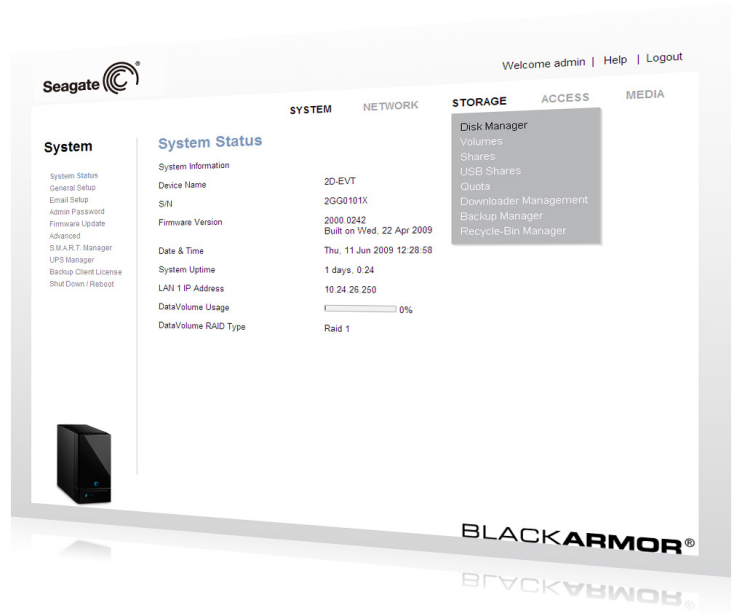


## You're in Control

In addition to the included software, the web-based management interface and BlackArmor® Discovery Tool are also straightforward to use. The BlackArmor Discovery Tool allows you to get up and running quickly by displaying all of the BlackArmor NAS products connected to your network. From the Discovery Tool, with a single click, you can view or map shared volumes to your computer, access the web-based management interface or back up the PC you are working from. The BlackArmor NAS 220 storage server can also be managed remotely with DDNS, which can be configured from the web-based management interface or backup.

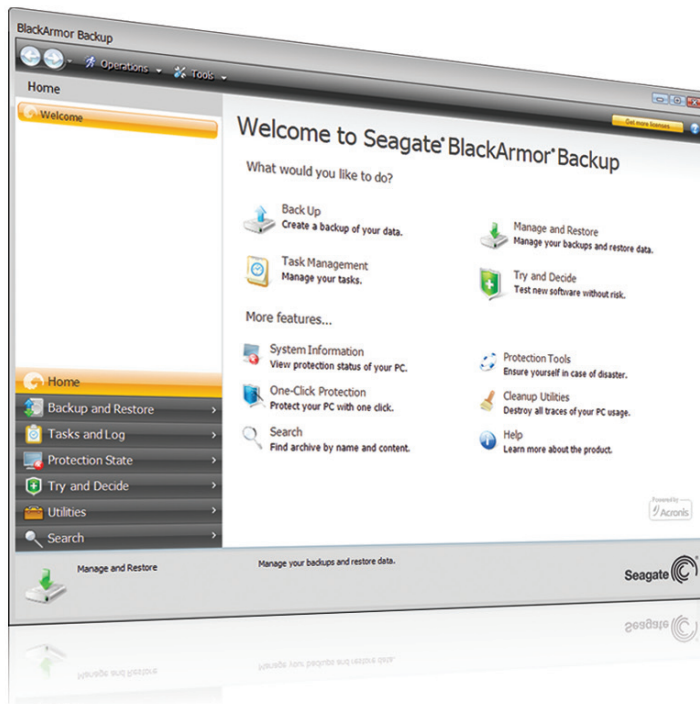
The BlackArmor® NAS 220 storage server can also function as an FTP server, allowing remote access to files. Using the web-based management interface, you can designate user access manually or integrate with Microsoft® Active Directory.

Moreover, the BlackArmor NAS 220 storage server can stream media files to DLNA® compliant devices or computers running iTunes® software, allowing you to centralize media in your office and display content simultaneously on multiple devices.



## Business-grade Protection

Software plays an important role in achieving business continuity and with the BlackArmor storage server, you can expect nothing less than business-grade protection. To help protect your critical data, our software package provides automatic, incremental and full-system backup. In the event of PC hardware failure, you can utilize the SafetyDrill+™ bare metal restore software feature to recover your entire system, including the operating system, programs and settings. The included software also allows you to secure your files with powerful hardware-based encryption. Furthermore, the two internal drives can be configured to RAID 1, which automatically mirrors your data.



<b>Product Dimensions</b>	Horiz x Vert x Depth - 4.09" x 7.79" x 7.40" (104.00mm x 197.80mm x 188.00mm) Weight: 6.60lbs (2.98kg)
<b>Retail Packaging Specs</b>	Box dimensions: Horiz x Vert x Depth – 10.90" x 6.13" x 11.00" (276.86mm x 155.70mm x 279.4mm) Box weight: 16.80lbs (7.62kg) Master carton dimensions: Horiz x Vert x Depth – 12.68" L x 11.34" W x 11.86" H (322.07mm x 288.04mm x 301.24mm) Master carton weight: 18.50lbs (8.39kg) Master carton quantity: 2 Master cartons per pallet: 36 Pallet dimensions: Horiz x Vert x Depth – 40.00" W x 48.00" L x 40.54" H (1016mm x 1219.20mm x 1029.72mm) Pallet weight: 718.85 lbs (326.06 kg) Pallet layers: 3

<b>Technical Specifications</b>	<b>Connectivity</b>	<ul style="list-style-type: none"> <li>• 2 internal SATA II ports</li> <li>• 2 USB 2.0 host ports</li> </ul>	<ul style="list-style-type: none"> <li>• 1 RJ45 Ethernet port (Gigabit)</li> </ul>
	<b>Network Authentication</b>	Microsoft Windows® Server Active Directory	
	<b>File Sharing Protocols</b>	CIFS, NFS, HTTPS, FTP	
	<b>File System Management</b>	RAID 0, 1, JBOD	
	<b>Volume Management</b>	<ul style="list-style-type: none"> <li>• Share management</li> <li>• Volume level encryption</li> </ul>	<ul style="list-style-type: none"> <li>• Share/folder-level access control list (ACL) support</li> <li>• Quotas setting</li> </ul>
	<b>Disk Management</b>	<ul style="list-style-type: none"> <li>• Multi-volume management</li> <li>• SMART status monitor</li> </ul>	<ul style="list-style-type: none"> <li>• Drive standby mode</li> </ul>
	<b>Backup Management</b>	<ul style="list-style-type: none"> <li>• Local backup (USB device to NAS, NAS to USB device)</li> <li>• Network NAS to NAS replication</li> </ul>	<ul style="list-style-type: none"> <li>• Client system backup, Bare MetalRestore (full-system recovery) over network</li> </ul>
	<b>Event Management</b>	Event email notification	
	<b>Media Streaming</b>	<ul style="list-style-type: none"> <li>• iTunes® server</li> <li>• DLNA® compliant digital media server</li> </ul>	
	<b>Download Server</b>	Downloader (HTTP and FTP)	
	<b>Remote Access</b>	Seagate Global Access™ service	

<b>Software Requirements</b>	<b>PC On Network</b>	<b>Mac On Network</b>
	<ul style="list-style-type: none"> <li>• Pentium® III, 500MHz equivalent processor or higher</li> <li>• Microsoft Windows® XP or Vista®</li> <li>• Internet Explorer® 6.0 or later, or Firefox™ 2.X or later (for management interface and web access)</li> <li>• 256MB RAM</li> </ul>	<ul style="list-style-type: none"> <li>• Mac OS® X 10.4.11 or later</li> <li>• Apple® Safari® 3.1 or later</li> </ul>

<b>System Requirements</b>	<ul style="list-style-type: none"> <li>• Local area network (LAN)</li> <li>• Internet connection (for system updates and web access)</li> </ul>	<ul style="list-style-type: none"> <li>• Wired or wireless router with an available 10/100/1000 Ethernet port</li> <li>• USB printer or USB disk drive (optional)</li> </ul>
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<b>Inside the Box</b>	<ul style="list-style-type: none"> <li>• BlackArmor NAS 220 storage server</li> <li>• 2M – RJ45 cable</li> <li>• AC power cord</li> <li>• Quick Start Guide</li> </ul>	<ul style="list-style-type: none"> <li>• CD-ROM with <ul style="list-style-type: none"> <li>– BlackArmor® Discovery Software for Windows® OS</li> <li>– BlackArmor® Discovery Software for Mac® OS</li> <li>– BlackArmor® Backup Software for Windows (5 licenses*)</li> <li>– Online registration link</li> <li>– Warranty information card</li> </ul> </li> </ul> <p>*Additional licenses available for purchase at <a href="http://www.seagate.com">www.seagate.com</a></p>
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Region	Product	Capacity	Model Number	UPC Code	EAN Code	Multi-pack UPC
US	BlackArmor NAS 220	2TB	ST320005LSA10G	763649016510		10763649016517
US	BlackArmor NAS 220	4TB	ST340005LSA10G	763649016534		10763649016531
EMEA	BlackArmor NAS 220	2TB	ST320005LSD10G		7636490015090	10763649016548
EMEA	BlackArmor NAS 220	4TB	ST340005LSD10G		7636490015113	10763649016562



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