

Barracuda Backup is the unified, cost-effective data protection solution for your physical, virtual, and SaaS environments: a complete backup solution with remote storage that is **easy to buy, install, and manage.**

- Security
- Storage**
- Application Delivery
- Productivity

## The Barracuda Advantage

- Simple pricing with no per-application or per-server licensing fees.
- Backup software, local storage, and remote storage that can be rapidly deployed in under an hour.
- Cloud-based central management for seamless multisite administration.
- Rapid local or remote recovery, preventing data loss and minimizing down time.
- Available as a virtual appliance that can be deployed without requiring additional hardware.

## Product Spotlight

- **Built-in cloud and site-to-site replication prevent data loss in case of disaster.**
- **LiveBoot and Cloud LiveBoot for VMware recover virtual machines in minutes.**
- **Cloud-to-Cloud Backup protects Microsoft Office 365 environments from data loss.**
- Restore to CudaDrive enables users to instantly access files during recovery.
- Offsite vaulting of historical revisions frees up valuable space on local storage.
- Compression and deduplication for up to 50X reduction in storage and bandwidth requirements.



### Physical and Virtual

Most businesses today have a mixed environment of physical and virtual servers. Barracuda Backup is a single solution to protect physical servers, and virtual machines (VMware & Hyper-V) with snapshot and granular file recovery—all with unified management for replication and retention.

### All-in-One Backup Solution

A complete backup solution from one vendor. Barracuda Backup combines software, in-line deduplication, and offsite cloud or private replication without per-server or per-application licensing fees.

### Flexible Deployment

Barracuda Backup is available as both an all-in-one physical appliance or virtual appliance.

Barracuda Cloud Storage, Cloud Control and Cloud LiveBoot recovery allow simple remote replication, seamless multisite administration, and rapid access to virtual machines during site disasters.

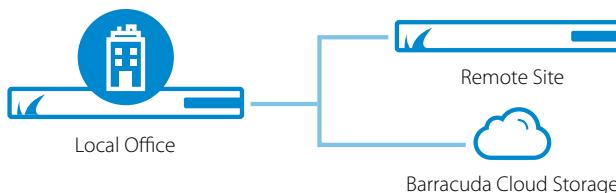
Site-to-site replication, Local Control, local management, and Local LiveBoot recovery allow complete protection for those operating in private environments or deploying private cloud technologies.

### Cloud-to-Cloud Backup

While Software-as-a-Service and Cloud-hosted environments such as Microsoft Office 365 are a fantastic way to mitigate natural and mechanical failures, human-caused data loss is ever present.

Barracuda Cloud-to-Cloud Backup for Microsoft Office 365 environments protects Exchange Online mailboxes and OneDrive for Business files and folders from accidental deletion and data loss.

### Barracuda Backup has built-in cloud and site-to-site replication



### SaaS Backup and Recovery



Barracuda Backup has taken a complex and vital function of our business and streamlined it. It has given us peace of mind that we have a robust disaster recovery plan in place for all situations.

Brian Burns

IT Director

High Sierra Sport Company

## Key Features

### Backup

- Full local backup and restore
- Inline, block-level, source- and target-based deduplication and compression
- Built-in WAN acceleration
- Cloud or site-to-site replication
- Real-time inline replication to offsite storage
- Export to external disk, tape, autoloaders, or robotic libraries
- 256-bit AES of data in transit and at rest to remote locations
- Near-continuous data protection
- VMware Changed Block Tracking (CBT)
- Single agent for Windows systems and applications

### Offsite Vaulting

- Vault historical revisions offsite to Barracuda Cloud Storage or a remote location
- Extend offsite-only retention up to 12 monthly and 7 yearly revisions

### Barracuda Backup-as-a-Service

- Annual subscription that includes appliance, Energize Updates, Instant Replacement, and Unlimited Barracuda Cloud Storage
- Smaller up-front costs without sacrificing functionality

### Recovery

- Restore physical server backups into vSphere and Hyper-V virtual environments with Physical-to-Virtual (P2V) restores
- Bare metal restore for Windows and Linux environments
- Download or recover data from anywhere at anytime without the need for a local appliance
- Seamless access to local and offsite data from a single pane of glass
- Instant VM recovery with LiveBoot for VMware
- Granular file recovery for VMware and Hyper-V
- File revision history
- Granular Microsoft Exchange message-level recovery
- VMware CBT restores

### Restore to CudaDrive

- Enables instant access to files during recovery
- Access from desktops, laptops, mobile devices, and any web browser

### Granular SharePoint Recovery with Kroll Ontrack

- Granular file search and recovery
- Restore to multiple locations

### Virtual Appliance

- Support for VMware and Microsoft Hyper-V environments
- Simple capacity-based licensing with no per-anything fees
- Built-in replication to Barracuda Cloud Storage or remote site

### Administration & Policy Management

- Central management through Barracuda Cloud Control
- Local management through Barracuda Local Control
- Data transfer rate limits
- Health status monitoring via mobile apps
- Role-based administration
- Flexible data retention
- Backup exclusion rules

### Reporting & Statistics

- Server health monitoring
- Network traffic utilization
- Storage efficiency
- Replication outage notifications
- Detailed restoration reports
- Audit logs & offline notifications
- Automated email reports
- Large item reports

### Energize Updates

- Award-winning live 24/7 customer support
- Firmware updates
- Automatic agent upgrades
- No per-server or per-application fees

### Instant Replacement

- Next business day shipping on hardware replacement gets you back up and running fast
- Includes hardware refresh every four years keeping you on the latest platform at no additional cost
- Disaster recovery service preloads most recent data and configurations onto replacement hardware in the event of a disaster

### Unlimited Cloud Storage

- All the storage you need to replicate Barracuda Backup to the cloud and extend retention with Offsite Vaulting

### Cloud-to-Cloud Backup

- Stand-alone subscription for direct to cloud backup that protects Microsoft Office 365 environments

MODEL COMPARISON	190	290	390	490	690	890	990	995	1090	VX		
<b>CAPACITY</b>												
Usable Storage Capacity	500 GB	1 TB	2 TB	4 TB	8 TB	16 TB	36 TB	72 TB	112 TB	Up to 5 TB		
Recommended Environment	250 GB	500 GB	1 TB	2 TB	4 TB	8 TB	16 TB	32 TB	50 TB	--		
<b>HARDWARE</b>												
Form Factor	Desktop	1U Mini		1U		2U	3U	4U				
Dimensions W x H x D (in)	10.0 x 2.0 x 83	16.8 x 1.7 x 104	16.8 x 1.7 x 14.0	17.2 x 1.7 x 19.8		17.4 x 3.5 x 25.5	17.2 x 5.2 x 25.5	17.2 x 7.0 x 27.4				
Weight (lb)	5	9	12	26		52	76	114	121			
Gigabit Ethernet	1 x RJ45					2 x RJ45						
10Gb Ethernet						Opt: RJ45 Standard: RJ45 or 2-port SFP+						
Disk Arrangement	1 x 500GB	1 x 1TB	2 x 2TB	4 x 2TB	4 x 4TB	8 x 4TB	16 x 3TB	28 x 3TB	32 x 4TB	N/A		
Redundant Disk Array	RAID 1					RAID 10 HW RAID 10						
Dedicated Database and OS Disks						4 x 3TB in RAID 10						
Swappable Disks						Swappable						
Redundant Power Supplies						Hot Swappable						
AC Input Current (amps @ 120V)	0.35	0.25	0.75	0.75	1.9	4.0	6.9	7.8	8.4			
<b>FEATURES</b>												
Management Interface	Barracuda Cloud Control centralized management or Barracuda Local Control local management											
Barracuda Backup Agent	Windows File System & System State, Microsoft Applications (Exchange, SQL & SharePoint), Linux											
Network Backups Included	NAS, SAN, Unix, Linux, Mac OS X											
Virtual Environments	Host level: VMware vSphere, Microsoft Hyper-V Guest level: Citrix XenServer, Oracle VM, Red Hat Enterprise Virtualization, KVM											
SaaS Environments	Microsoft Office 365 including Exchange Online and OneDrive for Business											
Deduplication	Global, Inline, Block-Level, Source- and Target-Based											
Physical-to-Virtual (P2V) Recovery	●	●	●	●	●	●	●	●	●	●		
Export to External Media	●	●	●	●	●	●	●	●	●	●		
Offsite Vaulting	●	●	●	●	●	●	●	●	●	●		
Local and Cloud LiveBoot	●	●	●	●	●	●	●	●	●	●		
Cloud Replication	●	●	●	●	●	●	●	●	●	●		
Site-to-Site Replication	Sender					Sender and Receiver						
Barracuda Backup-as-a-Service	Available as a Subscription Service					Not Available						

\*RJ45 Copper 10GBE: 892, 990, 995, 1090 SFP+ Fiber 10GBE: 891, 991, 995B, 1091

Specifications subject to change without notice. For more technical information, please visit <http://techlib.barracuda.com/backup>.