

Barracuda Backup enables businesses to run seamlessly by minimizing downtime and preventing data loss, providing the industry's easiest to deploy and manage **all-in-one data protection solution.**

- Security
- Data Protection**
- Application Delivery

The Barracuda Advantage

- Simple pricing with no per-application or per-agent licensing fees.
- Backup software, local storage, deduplication and offsite replication that can be rapidly deployed in under an hour.
- Cloud-based central management for seamless multisite administration.
- Rapid local or remote recovery, to prevent data loss and minimize down time.
- Available as an all-in-one physical appliance or virtual appliance.

Product Spotlight

- Built-in offsite replication to Barracuda Cloud, a remote physical appliance, a remote virtual appliance, or public cloud to prevent data loss in case of disaster.
- LiveBoot and Cloud LiveBoot enable rapid recovery of virtual machines in minutes.
- Cloud-to-Cloud Backup protects Microsoft Office 365 environments from data loss with point-in-time recovery.
- Offsite vaulting enables long-term retention.
- Compression and inline deduplication provide 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

Barracuda Backup is a complete solution that comes from one vendor. It combines software, storage, in-line deduplication, and offsite cloud or private replication with no per-application or per-agent licensing fees.

Flexible Deployment

Barracuda Backup is available as an all-in-one physical appliance or a virtual appliance offering for those wanting to leverage existing storage and compute infrastructures. Barracuda Backup can replicate data securely and efficiently from an on-premises physical or virtual backup appliance to Barracuda Cloud, a remote physical appliance, a remote virtual appliance, or Amazon Web Services (AWS).

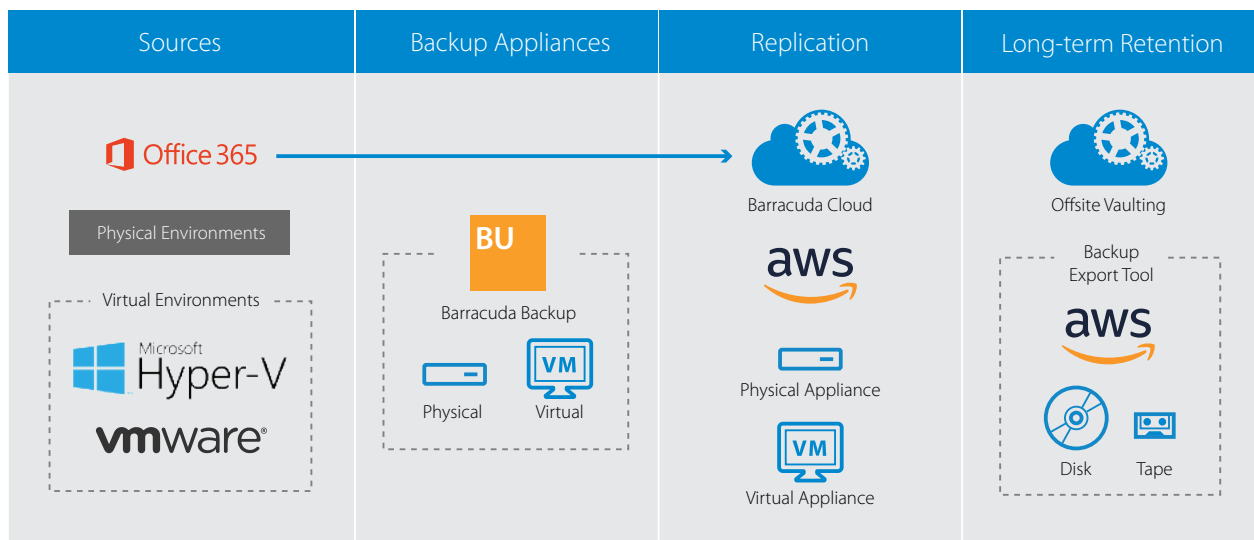
Our solution gives customers the choice of deployment options so they aren't locked into any specific architecture or platform, and the ability to maintain complete control of their backed-up data.

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 still ever present.



Barracuda Cloud-to-Cloud Backup for Microsoft Office 365 protects Exchange Online, OneDrive for Business, and SharePoint Online from accidental deletion and data loss.



Security

Barracuda Backup is built on a hardened Linux OS with a lower threat profile and fewer threat vectors compared to Windows-based backup products. Our purpose-built Linux distribution features locked-down access, processes, and controls to keep the the bad guys out.

Data is encrypted in flight to and at rest at remote locations with 256-bit AES encryption for secure replication. The Encrypted Appliances also leverage 256-bit AES encryption of data at rest to protect encrypted sources and meet regulatory requirements.

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 Amazon Web Services (AWS), external disk, tape, autoloaders, or robotic libraries
- Near-continuous data protection
- VMware Changed Block Tracking (CBT)
- Single agent for Windows, Linux, and macOS 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

Long-term Retention

- Supports archiving to virtual tapes stored in AWS Simple Storage Service (S3) and Glacier using the AWS Storage Gateway-VTL

Recovery

- Physical-to-Virtual (P2V) restores
- Bare metal restore for Windows
- Download or recover data from anywhere at anytime without the need for a local appliance
- Rapid VM recovery with LiveBoot for VMware, and Cloud LiveBoot for VMware and Microsoft Hyper-V environments
- Granular file recovery for VMware and Hyper-V
- File revision history
- Granular Microsoft Exchange message-level recovery
- Customers replicating to AWS have the option to restore backed-up virtualized systems directly to their own AWS EC2 compute environment for rapid recovery

Replication

- 256-bit AES encryption of data in transit and at rest to remote locations
- Barracuda's replication technology gives you the flexibility to securely and efficiently send data to the Barracuda Cloud, a remote physical backup appliance, a remote virtual backup appliance, or AWS for offsite replication.
- Because Barracuda manages and optimizes our infrastructure in AWS, setup and configuration is simple for customers and does not require an advanced understanding of AWS

Ransomware Recovery

Ransomware is the most serious cyber threat out there. Today's evasive, polymorphic threats demand an advanced approach to threat detection that spans all vectors into your network.

A strong data protection strategy is the ultimate ransomware countermeasure, but windows-based backup solutions still tend to be susceptible to ransomware attacks themselves. Barracuda Backup is built on a hardened Linux OS with a lower threat profile and fewer threat vectors.

Long-term retention with more recovery points gives you the ability to roll-back to a pre-infected state, enabling the recovery of maliciously encrypted files without paying a ransom.

Virtual Appliance

- Support for VMware, Microsoft Hyper-V, and KVM
- Nutanix Ready
- Simple per-socket (CPU) pricing for virtualized environments and per-server pricing for physical servers.
- Built-in replication to Barracuda Cloud, AWS, a remote physical appliance, or a remote virtual appliance

Administration and Policy Management

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

Reporting and Statistics

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



Works with Kroll Ontrack

- Granular file search and recovery
- Restore to multiple locations

Energize Updates

- Award-winning live 24/7 customer support
- Firmware updates
- Automatic agent upgrades

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 configuration settings onto a replacement unit for emergency restores in the event of complete site disaster

Barracuda Cloud

- 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 cloud-to-cloud backup that protects Microsoft Office 365 environments, including Exchange Online mailboxes, OneDrive for Business files and folders, and SharePoint Online

Encrypted Appliance

Secure your data against physical theft with Barracuda's encrypted purpose-built backup appliances to prevent sensitive and critical data from falling into the wrong hands if disk drives are lost or stolen.

- Barracuda Backup allows organizations to quickly and cost-effectively deploy encrypted backup appliances in their environment to protect encrypted sources and meet regulatory requirements.
- Barracuda Encrypted Backup appliances help secure against loss if disk drives are lost or stolen. The encrypted data on the disk drives is inaccessible when separated from the backup appliance – making sure it cannot be used maliciously when in the wrong hands.
- Data is stored at rest using AES 256-bit encryption.

MODEL COMPARISON	6090	8090	9090	10090
CAPACITY				
Usable Storage	12 TB	24 TB	48 TB	96 TB
Recommended Environment	6 TB	12 TB	24 TB	48 TB
SPECIFICATIONS				
Form Factor	1U	2U	3U	4U
Dimensions (inches: W x H x D)	17.2 x 1.7 x 27.0	17.4 x 3.5 x 25.8	17.4 x 5.3 x 23.8	17.4 x 7.0 x 27.9
Weight (lbs)	24	48	68	105
Network Interface	2 x 1Gb RJ45	2 x 10Gb RJ45	2 x 10Gb RJ45	2 x 10Gb RJ45
Optional 10Gb Fiber		2-port SFP+	2-port SFP+	2-port SFP+
Disk Arrangement	4 x 6 TB	8 x 6 TB	12 x 6 TB	20 x 6 TB
Redundant Disk Array (Primary Array)	HW RAID 10	HW RAID 10	HW RAID 60	HW RAID 60
Dedicated Database and OS Disks				4 x 6 TB
Redundant Disk Array (Database/OS Array)				HW RAID 10
Swappable Disks	Hot Swappable	Hot Swappable	Hot Swappable	Hot Swappable
Redundant Power Supplies		Hot Swappable	Hot Swappable	Hot Swappable
AC Input Current (Amps @ 120V)	1.3	2.5	3.4	6.4
Site-to-Site Replication	Sender/Receiver	Sender/Receiver	Sender/Receiver	Sender/Receiver

FEATURES	
Deployment Options	Physical Appliance, Encrypted Physical Appliance, Virtual Appliance
Offsite Replication	Barracuda Cloud, Remote Physical Appliance, Remote Virtual Appliance, Amazon Web Services (AWS)
Management Interface	Barracuda Cloud Control Centralized Administration
Backup Agents	Microsoft Windows File System & System State, Microsoft Exchange, Microsoft SQL, Microsoft SharePoint, Linux
Network Backups	Network Attached Storage (NAS), Linux, Mac OS X, macOS
Host-Level Virtual Environments	VMware vSphere, Microsoft Hyper-V
Guest-Level Virtual Environments	Citrix XenServer, Kernel-based Virtual Machine (KVM), Oracle VM, Red Hat Virtualization
SaaS Environments	Microsoft Office 365 including Exchange Online, OneDrive for Business, and SharePoint Online
Deduplication	Global, Inline, Block-Level, Source- and Target-Based
Rapid Recovery	LiveBoot, Cloud LiveBoot, Physical-to-Virtual (P2V), LiveBrowse
Long-Term Retention	Offsite Vaulting to Barracuda Cloud, Export to Amazon Web Services (AWS), External Disk, Tape, Autoloader, Robotic Library