Barracuda Backup

Prevent data loss and minimize downtime

Barracuda Backup combines storage, software, and inline deduplication, to ensure your data is protected against loss no matter what happens. It's easy to deploy, usually in less than an hour. There are no per-application or per-agent licensing fees, and its single-pane-of-glass admin console makes management fast and easy.

Available as a hardware or virtual appliance, Barracuda Backup delivers near-continuous data protection and replication to an off-site appliance or to the cloud.

"The number-1 purpose built backup appliance 26 quarters running."

- IDC Worldwide Quarterly Purpose Built Backup Appliance Tracker

Defend against ransomware, disasters, and malicious destruction

Barracuda Backup lets you quickly recover files encrypted by ransomware. Simply eliminate the malware, delete the bad files, and restore them from a recent backup. Recovery can take as little as an hour—and the bad guys go home empty-handed.

Barracuda Backup's hardened Linux OS is less vulnerable to threats than Windows-based backup solutions. Data is protected in transit and at rest in the remote location by 256-bit AES encryption.

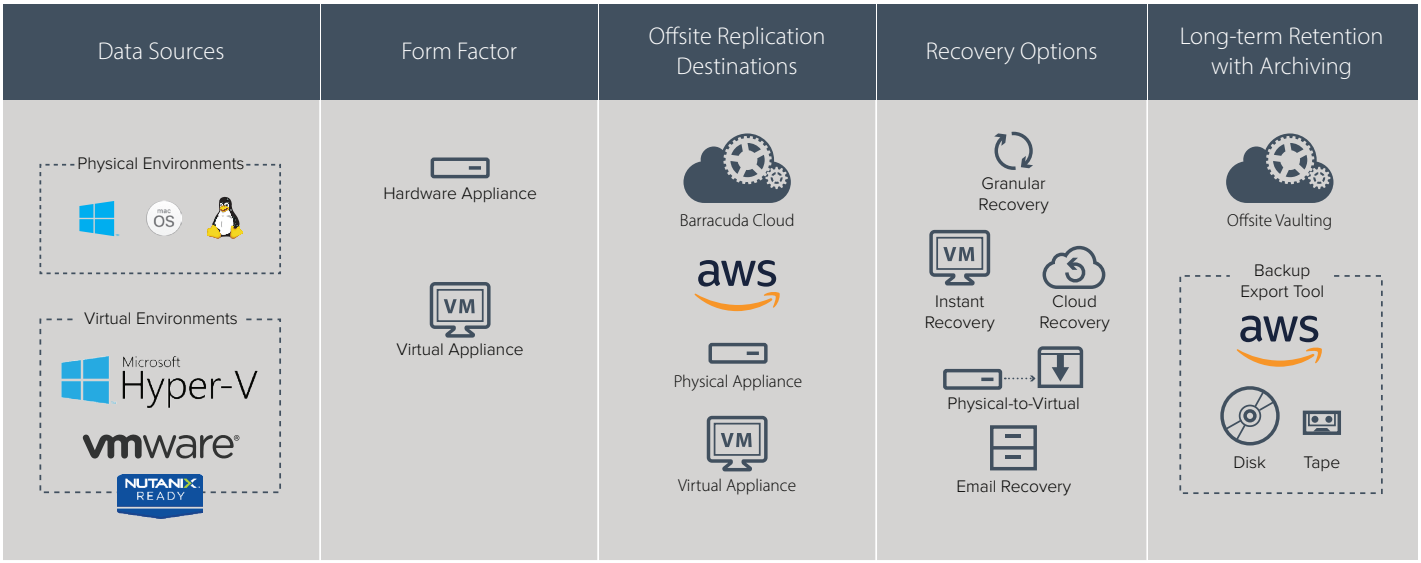
Rapid recovery from data loss

Barracuda Backup provides multiple recovery options to help you get back up and running quickly. With a Barracuda Cloud or Amazon Web Services (AWS) subscription, you can recover data from anywhere at any time, without the need for a local appliance.

Barracuda LiveBoot provides fast and easy recovery for on-premises VMware environments in cases where primary storage is lost or no longer available, while Cloud LiveBoot provides fast recovery for both VMware and Hyper-V virtual machines.

Flexible deployment and recovery

Barracuda Backup is available as a hardware or virtual appliance, or as an encrypted appliance. Models range in capacity from 1 terabyte to 112 terabytes, to accommodate your specific backup needs. Barracuda Backup also has a wide range of offsite replication options for disaster recovery (Barracuda Cloud, hardware or virtual appliance, AWS).



Technical Specs

Backup

- Full local backup and restore
- Inline, block-level, source- and target-based deduplication
- 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)
- Encrypted client and server communication for additional security
- In case of disaster, Instant Replacement can deliver a new unit preloaded with data and configuration backed up to Barracuda Cloud Storage

Offsite Vaulting

- Vault historical revisions offsite to the 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
- With a cloud subscription, download or recover data from anywhere at any time 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 environment EC2 compute environment for 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 of AWS replication is simple—no advanced understanding of AWS required.

Physical Appliance

MODELS COMPARISON	190	295	290	390	490	690
CAPACITY						
Usable Storage	1 TB	2 TB	2 TB	4 TB	6 TB	12 TB
Recommended Environment	500 GB	1 TB	1 TB	2 TB	3 TB	6 TB
SPECIFICATIONS						
Form Factor	Desktop	Desktop	1U Micro	1U Mini	1U	1U
Dimensions (inches: W x H x D)	10.0 x 2.0 x 8.3	10.0 x 2.0 x 8.3	16.8 x 1.7 x 10.2	16.8 x 1.7 x 14.0	16.8 x 1.7 x 19.8	17.2 x 1.7 x 27.0
Weight (lbs)	6	6	9	12	26	26
Network Interface	1Gb RJ45	1Gb RJ45	1Gb RJ45	1Gb RJ45	1Gb RJ45	2 x 10Gb RJ45
Optional 10Gb Fiber	-	-	-	-	-	-
Disk Arrangement	1 x 1 TB	1 x 2 TB	1 x 2 TB	2 x 4 TB	4 x 4 TB	4 x 6 TB
Redundant Disk Array (Primary Array)	-	-	-	SW RAID 1	SW RAID 10	HW RAID 10
Dedicated Database and OS Disks	-	-	-	-	-	-
Redundant Disk Array (Database/OS Array)	-	-	-	-	-	-
Swappable Disks	-	-	-	-	Hot Swappable	Hot Swappable
Redundant Power Supplies	-	-	-	-		
AC Input Current (Amps @ 120V)	0.25	0.25	0.30	0.40	0.65	1.3
Site-to-Site Replication	Sender	Sender	Sender	Sender	Sender/Receiver	Sender/Receiver

MODELS COMPARISON	790	890	895	990	995	1090
CAPACITY						
Usable Storage	18 TB	24 TB	36 TB	48 TB	80 TB	112 TB
Recommended Environment	9 TB	12 TB	18 TB	24 TB	40 TB	56 TB
SPECIFICATIONS						
Form Factor	2U	2U	3U	3U	3U	4U
Dimensions (inches: W x H x D)	17.4 x 3.5 x 25.8	17.4 x 3.5 x 25.8	17.4 x 5.3 x 23.8	17.4 x 5.3 x 23.8	17.4 x 7.0 x 27.9	17.4 x 7.0 x 27.9
Weight (lbs)	45	52	70	76	114	121
Network Interface	2 x 10Gb RJ45	2 x 10Gb RJ45	2 x 10Gb 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+	2-port SFP+	2-port SFP+	2-port SFP+
Disk Arrangement	6 x 6 TB	8 x 6 TB	10 x 6 TB	16 x 4 TB	14 x 8 TB	32 x 4 TB
Redundant Disk Array (Primary Array)	HW RAID 10	HW RAID 10	HW RAID 60	HW RAID 60	HW RAID 60	HW RAID 60
Dedicated Database and OS Disks	-	-	-	-	2 x 2 TB	4 x 2 TB
Redundant Disk Array (Database/OS Array)	-	-	-	-	HW RAID 1	HW RAID 10
Swappable Disks	Hot Swappable	Hot Swappable	Hot Swappable	Hot Swappable	Hot Swappable	Hot Swappable
Redundant Power Supplies	Hot Swappable	Hot Swappable	Hot Swappable	Hot Swappable	Hot Swappable	Hot Swappable
AC Input Current (Amps @ 120V)	1.7	2.5	2.6	6.9	7.8	8.4
Site-to-Site Replication	Sender/ Receiver	Sender/ Receiver	Sender/ Receiver	Sender/Receiver	Sender/Receiver	Sender/Receiver

FEATURES	
Deployment Options	Physical Appliance, Virtual Appliance
Offsite Replication	Remote Physical Appliance, Remote Virtual Appliance, Barracuda Cloud Storage, Amazon Web Services (AWS)
Management Interface	Barracuda Cloud Control Centralized Administration
Backup Agents	Microsoft Windows (Windows Server, Hyper-V, Exchange, SQL), Linux, macOS
Network Backups	Network Attached Storage (NAS)
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
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

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Your journey, secured.