

Barracuda Backup

Prevent data loss and minimize downtime

Barracuda Backup combines secure and scalable backup in an all-in-one, easy-to-use solution to ensure your data is protected against loss no matter what happens. The capacity-based, simplified subscription model allows you to pay for only what you need to protect today, avoiding large upfront hardware costs or complex hardware upgrades. It's easy to deploy, usually in less than an hour. Cloud-based management provides a single pane of glass for easier multi-site administration, while integrated storage provides fast local backup and recovery, meeting most recovery point objective (RPO) and recovery time objective (RTO) requirements.

Barracuda Backup offers seamless scalability and flexibility, providing all-inclusive subscription licensing that includes 24/7 support, Barracuda's Instant Replacement service, 4-year hardware refresh, and optional cloud storage.

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 — and the attackers 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 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.

Flexible deployment and recovery

Barracuda Backup is available as a physical or virtual appliance. Models range in usable storage capacity from 1 terabyte up to 200 terabytes, with simple per-terabyte subscription licensing to accommodate your specific backup needs. Barracuda Backup also has a wide range of off-site replication options for disaster recovery, allowing you to store data off-site in the Barracuda Cloud or on another physical or virtual appliance.

Key features

Deployment and management

- Available as a purpose-built physical or virtual appliance
- Scalable backup storage capacity via simple backup-as-a-service licensing
- Virtual appliance supported in VMware vSphere and Microsoft Hyper-V environments
- Cloud-based centralized management of all backups via Barracuda Cloud Control
- Management languages available: English, Japanese, French, Italian, German, Spanish

Workload support

- Virtual machines: VMware vSphere, Microsoft Hyper-V
- Physical servers, workstations, and endpoints: Microsoft Windows, Linux, MacOS
- Network-attached storage (NAS) file shares
- Applications: Microsoft SQL, Microsoft Exchange

Ransomware Protection

- Immutable backup protection
- Hardened Linux platform/OS
- Multifactor authentication (MFA)
- Secure, air-gapped cloud storage
- Integrated backup software, storage, and off-site storage
- Role-based access control
- No network sharing protocols
- End-to-end encryption
- Ability to create IP/network restrictions

Off-site replication

- Replicate data off-site to integrated Barracuda Cloud Storage or another physical or virtual Barracuda Backup appliance
- Barracuda Cloud available in 6 regions: US, Canada, UK, Germany, Japan, Australia
- 256-bit AES encryption of data in-transit and at-rest to off-site locations
- Built-in WAN acceleration
- Real-time in-line replication to off-site storage
- Bandwidth rate limiting

Backup and recovery

- Full local backup and recovery
- Automated or manual backups
- Near-continuous data protection
- Granular backup scheduling
- Backup agents for Microsoft Windows, Linux, and MacOS
- Virtual host-level backups for VMware vSphere and Microsoft Hyper-V
- In-line, block-level, source- and target-based deduplication
- Incremental-forever backups
- VMware Changed Block Tracking (CBT)
- Application-aware processing of Microsoft SQL and Exchange
- Microsoft SQL and Exchange database recovery
- Email message-level backup and recovery for Microsoft Exchange
- Physical-to-virtual (P2V) restore for Windows
- Bare metal restore (BMR) for Windows
- Direct export/download from cloud storage
- Instant VM recovery with LiveBoot for VMware
- Granular file recovery for VMware and Hyper-V
- File revision history
- Permissions recovery
- Customizable retention policies to suit most retention requirements
- Vault/archive historical revisions to cloud storage or a remote location
- Archive up to 12 monthly and 7 yearly revisions

Administration

- Full user creation and management
- Role-based access control: 5 roles for secure access
- Customizable email alerts and reporting per user
- Customizable backup display and grouping

Monitoring and reporting

- Overview dashboard for centralized management and consolidated backup visibility
- Performance monitoring and alerting for backup activity
- System and hardware health monitoring and alerts
- Email notifications and reports
- Daily backup job summary reports
- Backup and restore job reporting
- Full audit logging of all activity

Support and subscriptions

- Subscriptions are all-inclusive, bundling together the hardware, support, instant replacement warranty, hardware refresh, and optional cloud storage
- Energize Updates service provides:
 - Ongoing protection from cyberthreats and product updates
 - Enhanced support, which includes email and phone support 24x7
- Instant Replacement service provides:
 - Priority hardware replacement in case of failure
 - Appliance hardware refresh after 4 years, keeping you on the latest hardware platform
 - Data migration assistance in case of failure, hardware refresh, or disaster
- Barracuda Cloud Storage subscription provides:
 - Secure and integrated off-site storage in case of failure or disaster
 - Worry-free off-site storage with no overage fees or need to guess how much storage to buy

Appliance specifications

MODEL	3004	3024	3080	3200	VIRTUAL ²
CAPACITY					
Maximum usable storage capacity ¹	4 TB	24 TB	80 TB	200 TB	50 TB
Supported environment size (range)	1–2 TB	3–12 TB	13–40 TB	41–100 TB	1–25 TB
HARDWARE SPECIFICATIONS					
Disk arrangement	2 x 2 TB SSD	4 x 12 TB HDD	7 x 18 TB HDD	20 x 18 TB HDD	-
Storage array	-	SW RAID 10	SW RAID 6	SW RAID 60	-
Dedicated database and OS disks	-	1 TB SSD	1 TB SSD	2 TB SSD	-
Network connections	2 x 1Gb RJ45	2 x 10Gb RJ45	2 x 10Gb RJ45	2 x 10Gb RJ45	-
10Gb Fiber Interface SFP+ Transceiver Module (LC Multi-Mode)	-	-	2-port SFP+	2-port SFP+	-
Power supply	60W external	550W	1300W redundant	1300W redundant	-
Max power consumption	53W	422W	974W	1,063W	-
Input voltage	100–240V	100–240V	100–240V	100–240V	-
Max thermal dissipation	182 BTU/Hour	1,440 BTU/Hour	3,325 BTU/Hour	3,627 BTU/Hour	-
Encryption (at-rest)	TPM 2.0	TPM 2.0	TPM 2.0	TPM 2.0	-
Form factor	Desktop	1U	2U	4U	-
Dimensions (inches: W x H x D)	11.8 x 1.73 x 8.6	17.24 x 1.73 x 25.8	17.2 x 3.46 x 25.75	17.24 x 6.86 x 25.24	-
Weight (lbs.)	3.4	27.6	52.9	74.4	-
Site-to-site off-site replication	Send	Send and receive	Send and receive	Send and receive	Send and receive

¹ Actual usable storage capacity is subject to capacity licensing.
² Barracuda Backup Virtual Appliance (Vx) can be run on VMware vSphere and Microsoft Hyper-V environments.

