Barracuda Backup - MSP
Prevent Data Loss and Minimize Downtime

Barracuda Backup - MSP combines storage, software, and inline deduplication, to ensure data is protected against loss no matter what happens. Available as a hardware or virtual appliance, Barracuda Backup - MSP delivers near-continuous data protection and replication to an off-site appliance or to the cloud.

Defend against ransomware, disasters, and malicious destruction
Barracuda Backup - MSP 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.

Flexible deployment and recovery
Barracuda Backup - MSP is available as a hardware or virtual 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).

Multi-environment protection
Barracuda Backup – MSP supports a variety of servers, clients, and networked storage platforms, as well as multiple OS platforms, hypervisors, premises-based applications, and cloud environments. This powerful backup solution includes all hardware, software, backup agents, and redundant storage needed to serve a variety of BCDR requirements.

Rapid recovery from data loss
Barracuda Backup - MSP provides multiple recovery options to help you get customers 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.

Site-to-site protection
Site-to-site deployments let you back up data to a secondary customer location or to your own cloud. Inline deduplication reduces bandwidth and storage demand, letting you and your customers save on infrastructure costs.
### FEATURES

<table>
<thead>
<tr>
<th>Deployment options</th>
<th>Physical Appliance, Virtual Appliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offsite Replication</td>
<td>Remote Physical Appliance, Remote Virtual Appliance, Barracuda Cloud Storage, Amazon Web Services (AWS)</td>
</tr>
<tr>
<td>Management Interface</td>
<td>Barracuda Cloud Control Centralized Administration</td>
</tr>
<tr>
<td>Backup Agents</td>
<td>Microsoft Windows (Windows Server, Hyper-V, Exchange, SQL), Linux, macOS</td>
</tr>
<tr>
<td>Network Backups Included</td>
<td>NAS</td>
</tr>
<tr>
<td>Host-Level Virtual Environments</td>
<td>VMware vSphere, Microsoft Hyper-V</td>
</tr>
<tr>
<td>Guest-Level Virtual Environments</td>
<td>Citrix XenServer, KVM, Oracle VM, Red Hat Virtualization</td>
</tr>
<tr>
<td>Deduplication</td>
<td>Global, Inline, Block-Level, Source- and Target-Based</td>
</tr>
<tr>
<td>Rapid Recovery</td>
<td>LiveBoot, Cloud LiveBoot, Physical-to-Virtual (P2V), LiveBrowse</td>
</tr>
<tr>
<td>Long-Term Retention</td>
<td>Offsite Vaulting to Barracuda Cloud, Export to Amazon Web Services (AWS), External Disk, Tape, Autoloader, Robotic Library</td>
</tr>
</tbody>
</table>

### Barracuda Backup — MSP Comparison

<table>
<thead>
<tr>
<th></th>
<th>190</th>
<th>295</th>
<th>290</th>
<th>390</th>
<th>490</th>
<th>690</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAPACITY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Usable Storage</td>
<td>1 TB</td>
<td>2 TB</td>
<td>2 TB</td>
<td>4 TB</td>
<td>8 TB</td>
<td>12 TB</td>
</tr>
<tr>
<td>Recommended Environment</td>
<td>500 GB</td>
<td>1 TB</td>
<td>1 TB</td>
<td>2 TB</td>
<td>4 TB</td>
<td>6 TB</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Form Factor</td>
<td>Desktop</td>
<td>Desktop</td>
<td>1U Micro</td>
<td>1U Mini</td>
<td>1U</td>
<td>1U</td>
</tr>
<tr>
<td>Dimensions (inches: W x H x D)</td>
<td>9.1 x 17 x 6.0</td>
<td>10.0 x 2.0 x 8.3</td>
<td>16.8 x 17 x 10.2</td>
<td>16.8 x 17 x 14.0</td>
<td>16.8 x 17 x 19.8</td>
<td>17.2 x 17 x 27.0</td>
</tr>
<tr>
<td>Weight (lbs)</td>
<td>4</td>
<td>6</td>
<td>9</td>
<td>12</td>
<td>26</td>
<td>26</td>
</tr>
<tr>
<td>Network Interface</td>
<td>1Gb RJ45</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>2 x 10 Gb RJ45</td>
</tr>
<tr>
<td>Optional 10Gb Fiber</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Disk Arrangement</td>
<td>1 x 1 TB SSD</td>
<td>1 x 2 TB</td>
<td>1 x 2 TB</td>
<td>2 x 4 TB</td>
<td>4 x 4 TB</td>
<td>4 x 10 TB</td>
</tr>
<tr>
<td>Redundant Disk Array (Primary Array)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>SW RAID 1</td>
<td>SW RAID 10</td>
<td>-</td>
</tr>
<tr>
<td>Dedicated Database and OS Disks</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Redundant Disk Array (Database/OS Array)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Swappable Disks</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Hot Swappable</td>
</tr>
<tr>
<td>Redundant Power Supplies</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Output Power (W)</td>
<td>60W</td>
<td>80W</td>
<td>250W</td>
<td>250W</td>
<td>400W</td>
<td>400W</td>
</tr>
<tr>
<td>AC Input Current (Amps @ 120V)</td>
<td>100/240</td>
<td>100/240</td>
<td>100/240</td>
<td>100/240</td>
<td>100/240</td>
<td>100/240</td>
</tr>
<tr>
<td>Site-to-Site Replication</td>
<td>Sender</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
## Barracuda Backup — MSP Comparison

<table>
<thead>
<tr>
<th>CAPACITY</th>
<th>790</th>
<th>890</th>
<th>895</th>
<th>991</th>
<th>995</th>
<th>1090</th>
<th>1190</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usable Storage</td>
<td>18 TB</td>
<td>24 TB</td>
<td>36 TB</td>
<td>48 TB</td>
<td>80 TB</td>
<td>128 TB</td>
<td>168 TB</td>
</tr>
<tr>
<td>Recommended Environment</td>
<td>9 TB</td>
<td>12 TB</td>
<td>18 TB</td>
<td>24 TB</td>
<td>40 TB</td>
<td>50 TB</td>
<td>50 TB</td>
</tr>
</tbody>
</table>

## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Form Factor</th>
<th>2U</th>
<th>2U</th>
<th>3U</th>
<th>3U</th>
<th>3U</th>
<th>4U</th>
<th>4U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (inches: W x H x D)</td>
<td>17.4 x 3.5 x 25.8</td>
<td>17.4 x 3.5 x 25.8</td>
<td>17.4 x 5.3 x 23.8</td>
<td>17.4 x 5.3 x 23.8</td>
<td>17.4 x 7.0 x 27.9</td>
<td>17.4 x 7.0 x 27.9</td>
<td>17.4 x 7.0 x 27.9</td>
</tr>
<tr>
<td>Weight (lbs)</td>
<td>52</td>
<td>52</td>
<td>70</td>
<td>76</td>
<td>114</td>
<td>121</td>
<td>121</td>
</tr>
<tr>
<td>Network Interface</td>
<td>2 x 10Gb RJ45+</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Optional 10Gb Fiber

<table>
<thead>
<tr>
<th>Disk Arrangement</th>
<th>4 x 12 TB</th>
<th>6 x 12 TB</th>
<th>10 x 8 TB</th>
<th>12 x 10 TB</th>
<th>12 x 10 TB</th>
<th>18 x 10 TB</th>
<th>18 x 12 TB</th>
</tr>
</thead>
</table>

### Redundant Disk Array (Primary Array)

- HW RAID 10
- HW RAID 60

### Dedicated Database and OS Disks

- -

### Redundant Disk Array (Database/OS Array)

- -

### Swappable Disks

- Hot Swappable

### Redundant Power Supplies

- Hot Swappable

### Output Power (W)

- 800W
- 1000W
- 1000W
- 1000W
- 1000W
- 1280W
- 1280W

### AC Input Current (Amps @ 120V)

- 100/240
- 100/240
- 100/240
- 100/240
- 100/240
- 100/240
- 100/240

### Site-to-Site Replication

- Sender/Receiver
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

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.

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

Sources
- Office 365
- Physical Environments
- Virtual Environments
- Microsoft Hyper-V
- VMware

Backup Appliances
- Barracuda Backup
- Physical
- Virtual

Replication
- Barracuda Cloud
- Offsite Vaulting

Long-term Retention
- Backup Export Tool
- AWS
- Disk
- Tape

About Barracuda MSP
As the MSP-dedicated business unit of Barracuda Networks, Barracuda MSP enables IT managed service providers to offer multi-layered security and data protection services to their customers through our award-winning products and purpose-built MSP management platforms. Barracuda MSP’s partners-first approach focuses on providing enablement resources, channel expertise, and robust, scalable MSP solutions designed around the way managed service providers create solutions and do business. Visit barracudampsp.com for additional information.

@BarracudaMSP  |  LinkedIn: BarracudaMSP  |  blog.barracudampsp.com

617.948.5300  |  800.569.0155  |  sales@barracudampsp.com

Barracuda MSP
Your journey, secured.