

## Barracuda Backup Appliance Hardware Specifications

<https://campus.barracuda.com/doc/32342155/>

Specifications subject to change without notice.

See the [Barracuda Backup Data Sheet](#) on the Barracuda Networks website for additional feature details.

For specifications on Barracuda Encrypted Backup models, see [Barracuda Encrypted Backup Appliance Hardware Specifications](#).

### Barracuda Backup Model 190, 295, 290, 390, 490, 690 Comparison

MODEL	190	295	290	390	490	690
<b>CAPACITY</b>						
<b>Usable Storage</b>	1 TB	2 TB	2 TB	4 TB	6 TB	12 TB
<b>Recommended Environment</b>	500 GB	1 TB	1 TB	2 TB	3 TB	6 TB
<b>SPECIFICATIONS</b>						
<b>Form Factor</b>	Desktop	1U Micro	1U Mini	1U		
<b>Dimensions (inches: W x H x D)</b>	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	
<b>Weight (lbs)</b>	6	9	12	26		
<b>Network Interface</b>	1GB RJ45				2 x 10GB RJ45	
<b>Optional 10Gb Fiber</b>	N/A					
<b>Disk Arrangement</b>	1 x 1 TB	1 x 2 TB	1 x 2 TB	2 x 4 TB	4 x 4 TB	4 x 6 TB
<b>Redundant Disk Array (RAID)</b>	N/A			SW RAID 1	SW RAID 10	HW RAID 10
<b>Dedicated Database and OS Disks</b>	N/A					
<b>Redundant Disk Array (OS)</b>	N/A					
<b>Swappable Disks</b>	N/A				Hot Swappable	
<b>Redundant Power Supplies</b>	N/A					
<b>AC Input Current (amps @ 120V)</b>	0.25	0.25	0.3	0.40	0.65	1.3
<b>Site-to-Site Replication</b>	Sender				Sender/Receiver	

## Barracuda Backup Model 790, 890, 895, 990, 995, 1090 Comparison

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

SFP+ Fiber 10GbE: 791, 891, 895b, 991, 995b, 1091

### Features for All Models

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

<b>Host-Level Virtual Environments</b>	VMware vSphere, Microsoft Hyper-V
<b>Guest-Level Virtual Environments</b>	Citrix XenServer, Kernel-based Virtual Machine (KVM), Oracle VM, Red Hat Virtualization
<b>Deduplication</b>	Global, Inline, Block-Level, Source- and Target-Based
<b>Rapid Recovery</b>	LiveBoot, Cloud LiveBoot, Physical-to-Virtual (P2V), LiveBrowse
<b>Long-Term Retention</b>	Offsite Vaulting to Barracuda Cloud, Export to Amazon Web Services (AWS), External Disk, Tape, Autoloader, Robotic Library

## 10 Gigabit Ethernet Card Standard

Models 690/790/890/895/990/995a/1090 include a 10 Gigabit Ethernet card. If your organization's environment does not support 10 Gigabit throughput, the card reduces its speed to 1 Gigabit:

- 1 Gigabit Connection - Plug in a CAT5e cable for 1 Gigabit throughput.
- 10 Gigabit Connection - Plug in a CAT6e cable and a 10 Gigabit switch for 10 Gigabit throughput.

## 10 Gigabit Fiber Card Option

Use a small form-factor pluggable (SFP) transceiver module:

- SFP - Use SFP for 1/4 Gigabit/second throughput; you will need a multi-mode cable with LC connections or a direct attach cable.
- SFP+ - Use SFP+ for 10 gigabit/second throughput (included); you will need a multi-mode cable with LC connections or a direct attach cable.
- Vendor-Specific SFP - If you are using a vendor-specific module in your environment, simply remove the Barracuda provided SFP and replace with other vendor.

By default the top port is active. Contact [Barracuda Networks Technical Support](#) if you want to bond the two ports for 20 Gigabit throughput with failover capabilities.

## Drive Layout

### Barracuda Backup Model 790 Drive Layout

Drive 0	Blank	Drive 4	Drive 6
Drive 1	Blank	Drive 5	Drive 7

**Barracuda Backup Model 890 Drive Layout**

Drive 0	Drive 2	Drive 4	Drive 6
Drive 1	Drive 3	Drive 5	Drive 7

**Barracuda Backup Model 895 Drive Layout**

Drive 3	Drive 7	Blank	Blank
Drive 2	Drive 6	Blank	Blank
Drive 1	Drive 5	Drive 9	Blank
Drive 0	Drive 4	Drive 8	Blank

**Barracuda Backup Models 990 and 995 Drive Layout**

Drive 3	Drive 7	Drive 11	Drive 15
Drive 2	Drive 6	Drive 10	Drive 14
Drive 1	Drive 5	Drive 9	Drive 13
Drive 0	Drive 4	Drive 8	Drive 12

**Barracuda Backup Model 1090 Drive Layout**

Device Front – Connector 1

Drive 05	Drive 11	Drive 17	Drive 23
Drive 04	Drive 10	Drive 16	Drive 22
Drive 03	Drive 09	Drive 15	Drive 21
Drive 02	Drive 08	Drive 14	Drive 20
Drive 01	Drive 07	Drive 13	Drive 19
Drive 00	Drive 06	Drive 12	Drive 18

Device Back – Connector 0

Drive 02	Drive 05	Drive 08	Drive 11
Drive 01	Drive 04	Drive 07	Drive 10
Drive 00	Drive 03	Drive 06	Drive 09

## Figures

1. 790DriveLayout.png
2. 890\_drive\_layout.png
3. 895\_drive\_layout\_update.png
4. 990\_drive\_layout.png
5. 1090\_drive\_layout.png

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