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
CAPACITY						
Usable Storage	1 TB	2 TB	2 TB	4 TB	8 TB	12 TB
Recommended Environment	500 GB	1 TB	1 TB	2 TB	4 TB	6 TB
SPECIFICATIONS						
Form Factor	Desktop		1U Micro	1U Mini	1U	
Dimensions (inches: W x H x D)	9.1 x 1.7 x 6.0	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)	4	6	9	12	26	
Network Interface	1GB RJ45					2 x 10GB RJ45
10Gb Fiber SFP+ Transceiver Module (LC Multi-Mode)	N/A					
Disk Arrangement	1 x 1 TB SSD	1 x 2 TB	1 x 2 TB	2 x 4 TB	4 x 4 TB	4 x 10 TB
Redundant Disk Array (RAID)	N/A			SW RAID 1	SW RAID 10	SW RAID 10
Dedicated Database and OS Disks	N/A					
Redundant Disk Array (OS)	N/A					
Swappable Disks	N/A				Hot Swappable	
Redundant Power Supplies	N/A					

Output Power (W)	60W	80W	250W	250W	400W	400W
AC Inputs (VAC)	100/240	100/240	100/240	100/240	100/240	100/240
Site-to-Site Replication	Sender				Sender/Receiver	

Barracuda Backup Model 790, 890, 895, 990, 995, 1090, 1191 Comparison

MODEL	**790**	**890**	**895**	**991**	**995**	**1091**	**1191**
CAPACITY							
Usable Storage	18 TB	24 TB	36 TB	48 TB	80 TB	128 TB	168 TB
Recommended Environment	9 TB	12 TB	18 TB	24 TB	40 TB	50 TB	60 TB
SPECIFICATIONS							
Form Factor	2U		3U			4U	4U
Dimensions (inches: W x H x D)	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)	52	52	70	76	114	121	121
Network Interface	2 x 10GB RJ45						
10Gb Fiber Interface SFP+ Transceiver Module (LC Multi-Mode)	OPTIONAL 2-port SFP+	OPTIONAL 2-port SFP+	OPTIONAL 2-port SFP+	STANDARD 2-port SFP+	STANDARD 2-port SFP+	STANDARD 2-port SFP+	STANDARD 2-port SFP+
Disk Arrangement	4 x 12 TB	6 x 12 TB	10 x 8 TB	12 x 10 TB	12 x 10 TB	18 x 10 TB	18 x 12 TB
Redundant Disk Array (RAID)	HW RAID 10		HW RAID 60				
Dedicated Database and OS Disks	N/A				2 x 2 TB	4 x 2 TB	4 x 2 TB
Redundant Disk Array (OS)	N/A				HW RAID 1	HW RAID 10	HW RAID 10
Swappable Disks	Hot Swappable						
Redundant Power Supplies	Hot Swappable						
Output Power (W)	800W	800W	1000W	1000W	1000W	1280W	1280W

AC Inputs (VAC)	100/240	100/240	100/240	100/240	100/240	100/240	100/240
Site-to-Site Replication	Sender/Receiver						

SFP+ Fiber 10GbE: 791, 891, 895b, 991, 995b, 1091, 1191

For more information on calculating the power consumption in watts, see Barracuda Networks Product Power Consumption in Watts.

Features for All Models

FEATURES	
Deployment Options	Physical Appliance, Encrypted 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

10 Gigabit Ethernet Card Standard

Models 690/790/890/895/990/995a/1090/1191 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.

APC UPS Support

An APC (American Power Conversion) UPS (Uninterruptible Power Supply) device with a USB interface is supported with Barracuda Backup. No configuration changes are needed on Barracuda Backup to use one. When the APC UPS device is on battery power, the web interface will display an alert, and the Barracuda Backup device will shut down safely when there is an estimated time of 3 minutes of battery power remaining.

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