

Anvil 2060 Cloud Appliance

The NEBS level 3 and ETSI certified Vector Data Anvil 2060 cloud appliance makes it easy to economically deploy full-featured, highly scalable Amazon S3-compliant storage. Anvil appliances come fully integrated with Cloudfian HyperStore software to assure seamless S3 integration, fully automated data tiering, and unfettered use of the vast ecosystem of over 350 Amazon Web Services (AWS) S3 applications—all behind your firewall.

Cloud Storage for Everyone

Rack-ready Anvil appliances perfectly suit enterprise cloud storage needs as dedicated, cost-effective, stand-alone solutions. Anvil appliances are fully integrated with Cloudfian HyperStore software to assure unlimited scale, multi-data center storage, fully automated data tiering, and support for all S3 applications. Anvil appliances give you the option of on-premises storage as well as easy access to the AWS cloud. This unique hybrid cloud storage approach means you can choose to leverage AWS infrastructure for long term bulk storage while keeping your most critical data close at hand. Vector Data continues to provide network operators with a consistent product across their entire infrastructure with the Anvil 2060's release, offering AC and DC power options and NEBS Level 3 (ATT-TP-76200) and ETSI certification.

Think Big—Scale as You Grow

Anvil appliances allow you to cost-effectively scale to hundreds of petabytes simply by adding appliances, or further leveraging the AWS cloud as your capacity requirements grow. Virtual nodes (vNodes) optimize performance with highly parallelized data striping without the overhead of traditional RAID schemes.

Think Safe—Protect all Data

Anvil appliances with HyperStore software optimizes storage for all data objects, both large and small. Configurable erasure coding enables deep archive efficiency and flexible redundancy, giving you robust data protection without consuming precious disk space.

Self-Service IT

Robust management controls, including system health monitoring and alerts, make system diagnostics and non-disruptive system maintenance and upgrades a snap. As a multi-tenant solution, HyperStore software gives role-based access to system and group administrators and to users. An easy-to-use GUI and REST API facilitate quotas, user provisioning, system administration, usage reporting, billing automation at the group level, and flexible rating plans. Quality of Service (QoS) controls allow IT administrators to regulate access and usage.



Effortless Data Movement

Built on a robust object storage platform for effortless data sharing, HyperStore software sets Anvil appliances apart with highly efficient storage and seamless data management that lets users store and access their data where they want it, when they want it. A host of features, including hybrid cloud streaming and dynamic auto-tiering, as well as data compression and encryption, allow data to move seamlessly and safely between your on-premises cloud and Amazon S3, regardless of file size.

Broad Application Support

HyperStore software gives you complete S3 integration and uniquely supports every available AWS/S3 application.

Product Highlights

- Dedicated, all-in-one, on-premises storage for easy enterprise deployment
- Fully integrated with Cloudfian HyperStore software
- Dynamic data tiering and hybrid cloud streaming to Amazon S3, Glacier and S3 compatible clouds
- On-premises S3 with full support for all S3 ecosystem apps
- Comprehensive multi-tenant services Quality of Service (QoS) controls
- Simple system management with health monitoring and alerts
- Deploys easily across Amazon, OpenStack and CloudStack
- Professional services and 24x7 support
- 2U Model: Anvil 2060

TECHNICAL SPECIFICATIONS

Anvil 2060

Use Case	Enterprise
SAS Drives	10x 6TB 6G SAS 7.2L RPM LFF Hot Pluggable
SSD Drives	2x 300GB 6G SATA SSD LFF Hot Pluggable
Storage Capacity	60TB
Flash-Optimized	Yes
Redundancy and High Availability	Hot pluggable drives Dual hot pluggable power supplies
Protocol Support	NFS S3 API
Expansion Slot	Yes
Network Interfaces	2x 1 GbE network interface 2x 10 GbE network interface
Form Factor	2U Rackmount
CPU	2x Intel® Xeon® E5-2600 v2 processor
Memory	64GB
Monitoring/Management	CLI, GUI, API, IPMI
Power supplies	460 W, 750 W, 1200 W (92%, 94%, or 96% efficient) AC or DC hot plug redundant
Dimensions	8.59 x 44.55 x 74.30 cm (3.38 x 17.54 x 29.25 in)
Weight (approximate)	Maximum (all hard drives, power supply, and processor installed): 27.27 kg (60.00 lb) Minimum (one hard drive, power supply, and processor installed): 21.45 kg (47.18 lb)

Enterprise Performance

The high performance Anvil 2060 is flash optimized and purpose built for extreme I/O bandwidth requirements. With up to 60TB of capacity in a 2U form factor, it features fast network throughput and hot-pluggable drives to perfectly suit high performance enterprise environments like media and entertainment, energy, finance, and health-care. With AC and DC power options and NEBS Level 3 (ATT-TP-76200) and ETSI certification, the Anvil 2060 is perfect for rugged environments such as telecom central office, military, government, and oil and gas.

Enterprise Use Cases

- Backup and Store
- Long Term Archiving
- File Sync and Share
- Remote Office File Storage

For more information, please contact your Vector Data account manager.