High Capacity, Easy Management, Cold Storage

Gigabyte's Highly Threaded, High Performance Storage Powered by Intel® Xeon® Processor Family

The D120-C20 is a low-cost, high-density storage solution aimed at providing a low maintenance solution for thin provisioning and general Network Attached Storage (NAS). Thanks to the power of the on-board Intel® Xeon® processor D-series, the D120-C20 is well equipped to handle more complex tasks in a virtualized environment.

The D120-C20 offers a unique 16-disk solution with easy-swap drives to deliver immense storage density per U, only limited by available drive capacity. Thanks to integrated management and error and consistency checking, reliability and availability of data on the D120-C20 are high. These characteristics alleviate a lot of budgetary pressure normally generated by proprietary storage solutions, by providing a cost-effective cold storage solution (CapEx) and relieving your staff (OpEx) to allow you to adequately spend your budget on your IT needs.

The D120-C20 Benefits

- Maximizes storage budget – Uses thin provisioning for maximized storage space.
- Storage protocol versatility – The D120-C20 can be easily integrated through LDAP, SMB v2.1, NFS v3/v4, AFP v3.3, FTP and SFTP, iSCSI and WebDAV.
- Reliability – Supports RAID 0/1/5/6/10/50/60 with snapshots, volume and FS cloning, remote replication, system or pool hot-spare drives.
- Simple Management – UnifiedAuth provides one ID and Password service for the following services: WebDAV, File and Folders, iSCSI CHAP. Use Windows® Active Directory (AD) to log in, all from an easy web-management interface.
- Cloud enabled – Back up up to Amazon S3* cloud service and run one-click disaster recovery.
- Power efficient – 400W 80 Plus Gold power supply.

Same Price, Better Spec

The GIGABYTE D120-C20 brings enterprise-level features to a small to medium business price point, allowing you to flexibly adopt new technologies in existing networks.

Same Spec, Better Price

As a cost-effective platform, the GIGABYTE D120-C20 provides more capacity, reliability, and manageability as feature-equivalent products.
The D120-C20 1U uses the Intel® Xeon® processor D-1541, which provides data center class processing power for rich storage data services and thermally efficient operations to reduce your cooling budget. It is a System-On-Chip (no chipset needed) processor that is ideal for cost-effective cold storage applications such as this one. It also features two Intel® I210 Gigabit Ethernet LAN ports that provide plenty of bandwidth for all your traffic.

**Conclusion**

From the impressive capacity, to the easy management and low TCO, the D120-C20 is Gigabyte's most flexible 1U cold storage solution. Powered by the Intel Xeon processor D-1541, it provides rich storage features for enterprise-class performance. With a versatile set of protocols as well as easy management and maintenance, the DC120-C20 could be your best option for Cold Storage.

Learn more about the D120-C20 at: