



Azure Data Box Disk

A fast, simple, and secure way to move data to Azure

Transferring large data sets to the cloud

Many organizations are using cloud services to host applications or generate data from movable sources. One challenge with the cloud is determining the best way to migrate huge volumes of data, including recurring workloads, media captures from automobiles, incremental transfers for ongoing backups, and archives from remote offices or branch offices. For example, migrating 20 TB of data over a T3 network could take over two months!

Azure Data Box Disk minimizes network impact

Data Box Disk helps you quickly move large amounts of data to Azure with minimal impact to the network. Use it to migrate archived data, like data on old tapes, or workloads, or even edge IoT data like autonomous vehicle information.

The entire process is fast, simple, and secure. Each disk is an 8 TB solid state drive (SSD), and you can order packs of up to five disks from the Azure portal for a total of capacity of 40 TB per order.

Fast

The SSD disks can copy data at up to USB 3.1 speeds and support the SATA II and III interfaces. With express shipping, you can move 40 TB into Azure—start to finish—in less than a week. Simply mount the disks as drives and use the tool of your choice, such as Robocopy, or drag and drop to copy files to the disks. Support is available for Windows and Linux.

Simple

Data Box Disk makes the data transfer process easy. The small formfactor provides the right balance of capacity and portability to collect and transport data for a variety of use cases. Order the disks, then track your shipment and the data transfer progress through the familiar and intuitive Azure Portal.

Secure

Data Box Disks are encrypted using 128-bit Advanced Encryption Standard (AES) encryption and can be locked with your custom passkeys. After the data upload to Azure is complete, the disks are wiped clean in accordance with NIST 800-88 R1 standards.



Migrate up to 40 TB per order!

Trusted cloud services

Startups, governments, and 90 percent of Fortune 500 businesses run on Azure. Microsoft [leads the industry](#) in establishing clear security and privacy requirements and then consistently meeting these requirements.

How Data Box Disk moves data into Azure



ORDER

Order via the Azure Portal



RECEIVE

Get your DataBox Disk via express shipping



FILL

Fill quickly with USB 3.1



RETURN

Use included shipping label to return it to Azure



UPLOAD

Microsoft uploads your data and wipe disks clean

Why use Data Box Disk

The Data Box Disk can solve data transfer challenges for scenarios like these:

Backup. Azure is an excellent alternative for your off-site backup data, providing a scalable and cost-efficient platform.

Archive. Archiving data for compliance is an important part of an IT manager's role. The multiple tiers in Azure maximize flexibility for archive data.

Big data. Analytics is the key to extracting value from big data. Azure has the tools you need to get the most from your data.

Media and entertainment. Media libraries are large and constantly growing. Move them to Azure to create and expand your cloud-based media library.

Technical specifications

Specification	Details
Storage capacity	8 TB raw; 7 TB usable; Up to five disks per order for 40 TB raw/35 TB usable
Data protection/ security	AES 128-bit BitLocker encryption
Device connection	USB 3.1, SATA II or III
Form factor	2.5 in. Solid State Drive (SSD)
Supported OS	Windows (7, 8, 10), Windows Server (2008, 2012, 2016) Linux: CentOS 6.5+, RHEL 7+, Ubuntu 14.04, Debian 8.11+
Power	No external power required
Supported Azure storage types*	Block Blob, Page Blob, Azure Files, Managed Disk
Dimensions	3.9 in. L x 2.8 in. W x 0.3 in. H 10.05 cm L x 6.99 cm W x 0.7 cm H

*Currently valid for GPv1, GPv2 and Blob storage accounts

To order a Data Box Disk or learn more

The Data Box Disk service is available today. To order Data Box Disk or learn more about other products in the Data Box family, visit <http://azure.com/DataBox>.