Storage Option Comparison Table

The Research Computing Group at CAEN recommends the data storage options outlined below.

Storage Option	Description	Usage
Turbo*	- High-capacity, reliable, secure, and fast storage solution. - Tuned for large files but capable of efficiently storing small files. - Supports storing of sensitive data on HIPAA compliant systems (e.g., Armis2 cluster). - Part of U-M Research Computing Package (UMRCP) providing storage allocations to researchers.	General-purpose research data storage, including sensitive data
Locker	- Cost-optimized, high-capacity, large-file storage service for research data. - Supports large files and can be used with Globus for data sharing with external collaborators.	Designed for data that does not require frequent access. Best suited for data at the end of its life cycle.
DataDen*	- Low-cost, highly durable storage system. - Meant for preserving electronic data generated from research activities. - Disk-caching, tape-backed archive optimized for long-term storage of data not regularly accessed (weeks to years). - Suitable for grant requirements, particularly NIH and NSF. - Part of U-M Research Computing Package (UMRCP) providing storage allocations to researchers. Most researchers may not incur additional costs.	Long-term archival storage for data not regularly accessed

included with the UMRCP

Tip: If you need other storage solutions or aren't sure which is best for your needs, use the Data Storage Finder Tool to find out what options are available.