

RESEARCH STORAGE MATRIX

SERVICE NAME	OneDrive for Business	Dropbox for Business	Sharepoint Online	OU Research Disk (OURdisk)	OU Research Drive (OURdrive)	OU & Regional Research Store (OURRstore) Tape Archive
TECHNOLOGY	Cloud-hosted (Office 365)	Cloud-hosted	Cloud-hosted (Office 365)	Remotely mounted (Ceph, NFS, CIFS, SMB, HTTPS, Object, Block)		LTO Tape, GPFS Disk
USED FOR	File storage, sharing, syncing between devices & cloud	File storage, sharing, syncing between devices & cloud	Collaboration sites & document storage for teams	File storage on servers, both inside OU IT data centers and in other spaces	File storage on workstations and PCs in campus offices	Long-term archiving of static data (STEM datasets, video, audio, or images, etc.)
PRICE	Free	\$106 annually per user	Free	Purchase: \$860.03 one-time for 7 years for 9.3 TB of quota limit		Tape cartridge market price (approx. \$42 per LTO-7 tape cartridge, minimum of two)
STORAGE LIMIT	1 TB	1 TB	10 GB	# of TB purchased		# of tapes purchased
FILE SIZE LIMIT	2 GB maximum	20 GB maximum	10 GB maximum	# of TB purchased		1GB minimum 1 TB maximum 20-200 GB preferred
EXTERNAL SHARING	Yes (files)	Yes (files & folders)	No	Coming Soon (Globus file sharing)		Yes (Globus file sharing)
BACKUPS	No	No	No	OPTIONAL Mirrored dual copies (doubles the price, coming soon) AND/OR OPTIONAL Archive to OURRstore		Yes, when twice as many cartridges are purchased
GEOGRAPHIC REPLICATION	Yes	Yes	Yes	OU Norman + OUHSC		OU Norman + OUHSC
HIPAA	Yes	No	Requires Legal approval & security consultation	In Development (Requires Legal approval & security consultation)		In Development (Requires Legal approval & security consultation)
FERPA	Yes	No	Yes	No		No
PCI	No	No	No	No		No
ITAR	No	No	No	No		No
IRB	Yes	No	No	Yes		Yes
FISMA	No	No	No	No		No
CUI	No	No	No	In Development		In Development
NIST	No	No	No	No		No

RESEARCH COMPUTE MATRIX

SERVICE NAME	OU Supercomputer General Use	OU Supercomputer Condominium	OU Research Cloud (OURcloud) Condominium	OU Research Cloud (OURcloud)
DESCRIPTION	OU IT owned supercomputer compute servers and GPU cards	Researcher/Team buys components to be added to OU Supercomputer and reserved for their exclusive use		Virtual servers deployed by OU IT
USED FOR	Bulk number crunching via batch computing		Databases, interactive computing, Windows applications etc.	
PRICE	<p>Free</p> <p>OU IT's supercomputer uses batch computing and "fair share" to ensure that jobs are started as soon as possible, without favoring any user/group over the others</p>	<p>Market price (leveraging OU IT discount rates)</p> <p>ISN'T subject to Indirect Costs if either:</p> <p>(a) each individual purchase order is greater than \$5000 or</p> <p>(b) being paid via internal OU funds</p>		<p>Purchase:</p> <p>\$34719 one-time for 7 years for 16 GB RAM and 2 virtual CPU cores (CPU cores are 3:1 oversubscribed, so 2 virtual CPU cores => 2/3 of a physical CPU core)</p> <p>Labor Charges:</p> <p>No additional cost for EXTREMELY BASIC setup and maintenance</p> <p>\$60 per hour for additional labor (notified in advance)</p>

RESEARCH SUPPORT

OU IT offers dedicated personnel through the Oklahoma Supercomputing Center for Education and Research (OSCER) to support faculty, researchers, and support staff in leveraging research computing tools and services.

We are also bringing to bear the expertise of our enterprise IT staff from across the OU system, as well as our portfolio of enterprise service offerings to create a more robust research computing service portfolio and to improve support options.

To get started, visit <https://ou.edu/oscer> or you can always reach the OU IT Service Desk at (405) 325-4357 (HELP) or by submitting a request at <http://needhelp.ou.edu> if you have questions.