


Non-Profit & Government Price Sheet

Startup Package

The initial startup package costs just \$500 and includes:

- Annual active billing account fee for first year
- \$250 credit toward additional services
- Unlimited basic technical support
- Up to 500GB of home directory storage per user
- Outside network connectivity via general Internet connection
- Access to appropriate software according to licensing restrictions*

* Clients are responsible for obtaining licenses for any commercial software packages.



High Performance Computing Services	Standard Nodes		Big Memory Nodes		Add-on GPU
	per node hr	per core hr	per node hr	per core hr	per GPU hr
Owens Cluster	\$0.39	\$0.014	\$0.96	\$0.02	+ \$0.45
Pitzer Cluster	\$0.56		\$1.60		
Pitzer Expansion	\$0.67		\$0.96		
Ascend Cluster	\$1.23		N/A	N/A	
Billing account fee	\$250 per year per active billing account				

Monthly billing is based on usage of nodes/cores to the nearest minute.

Data Storage & Transfer Services	Price per TB per month
Home directories, parallel scratch and network transfer	\$0
Project storage (high performance, high availability file system, includes backup)	\$8

Monthly billing is based on the allocated storage quota to the nearest half TB.

Consulting Services	Price per 4 hour block
Advanced tech support (e.g. software development, code optimization, etc.)	\$400

System Details

	Owens Cluster	Pitzer Cluster	Pitzer Expansion	Ascend Cluster
# Nodes / Cores	824 / 23,392	260 / 10,560	398 / 19,104	24 / 2,304
Cores per Node	28 cores / node	40 cores / node	48 cores / node	96 cores / node (88 client accessible)
Compute CPU Specs	Intel Xeon E5-2680 v4 (Broadwell)	Intel Xeon Gold 6148 (Skylake)	Intel Xeon Platinum 8268 (Cascadelake)	AMD EPYC 7643 (Milan)
# of GPU	160 NVIDIA Pascal P100 (1/node)	64 NVIDIA Volta V100 (2/node)	100 NVIDIA Volta V100 (2 or 4/node)	96 NVIDIA Ampere A100 (4/node)
Memory per Node / per Core	128GB / 4.5GB	192GB / 4.8GB (GPUs: 384 / 9.6)	192GB / 4.0GB (GPUs: 384 / 8)	1TB / 10.4 GB
Big Memory Nodes / Cores / Mem	16 / 48 cores / 1.5TB	4 / 80 cores / 3TB	12 / 48 cores / 768GB	N/A

Service Catalog

Data storage

OSC offers more than 18 petabytes (PB) of disk storage capacity across several files systems, plus more than 23PB of offsite tape backups. Storage types include home, project and scratch as well as protected data.

For more info, please visit: osc.edu/storage

Web portals

Easily access OSC's resources anytime, anywhere. Transfer files, submit and monitor jobs, run GUI applications and connect via SSH at OnDemand.osc.edu. Manage users, request services and monitor project utilization at my.osc.edu, and view cluster performance metrics at xdmod.osc.edu.

For more info, please visit: osc.edu/portals

Software resources

OSC maintains more than 250+ software packages including simulation, data analysis, artificial intelligence, machine learning and development tools. Clients may also install open-source software or provide their own licensed software.

For more info, please visit: osc.edu/software

Tutorials & training

OSC offers extensive live training opportunities online and in-person at our facility and universities across Ohio. Additionally, we provide asynchronous content for self-paced learning and step-by-step guides for common tasks.

For more info, please visit: osc.edu/training

Security standards

Oversight from Ohio State's Office of Secure Research and regular external audits ensure OSC's alignment with NIST SP 800-53 and ISO27002 security standards. OSC regularly hosts export-controlled, ITAR / EAR, and HIPAA / PHI / RHI projects at no additional cost.

For more info, please visit: osc.edu/policies

Pilot services

OSC is continually expanding its offerings by working directly with clients to develop tailored solutions such as virtual machines and research data archives with the aim of eventually offering them as production services.

For more info, please contact: oschelp@osc.edu

Client support desk

The OSC Support Desk provides comprehensive technical support and consulting services Monday through Friday, 9 a.m. to 5 p.m. Eastern.

Phone: 614-292-1800

Email: oschelp@osc.edu

Contact Us

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