

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

University of Manitoba Grex High Performance Computing Core Facility

RRID:SCR_026342

Type: Tool

Proper Citation

University of Manitoba Grex High Performance Computing Core Facility
(RRID:SCR_026342)

Resource Information

URL: <https://um-grex.github.io/grex-docs/grex/>

Proper Citation: University of Manitoba Grex High Performance Computing Core Facility
(RRID:SCR_026342)

Description: Core offers computing and storage resources, along with support and training. Currently, Grex system consists of over 10,000 CPU cores connected via low-latency InfiniBand interconnect, several GPU compute nodes, 2 Petabytes of high-performance Lustre storage, and tape backup system. System also provides for condominium model of hosting researcher-contributed hardware funded by Canada Foundation for Innovation (CFI) and other granting agencies.

Abbreviations: Grex

Synonyms: , Grex High-Performance Computing system at University of Manitoba

Resource Type: core facility, service resource, access service resource, computational service resource, storage service resource

Keywords: ABRF, High Performance Computing and Collaboration, Research Computing, Theoretical Chemistry, Machine Learning, Materials Modelling, Bioinformatics, Climate Research, Digital Agriculture

Funding: Canada Foundation for Innovation

Availability: Restricted

Resource Name: University of Manitoba Grex High Performance Computing Core Facility

Resource ID: SCR_026342

Alternate URLs: <https://umanitoba.ca/information-services-technology/research-computing>

License URLs: <https://um-grex.github.io/grex-docs/access/> ,
<https://umanitoba.ca/information-services-technology/research-computing/um-high-performance-computing-system-grex>

Record Creation Time: 20250129T053338+0000

Record Last Update: 20260731T043209+0000

Ratings and Alerts

No rating or validation information has been found for University of Manitoba Grex High Performance Computing Core Facility.

No alerts have been found for University of Manitoba Grex High Performance Computing Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.