

# Resource Summary Report

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## University of Manitoba Grex High Performance Computing Core Facility

RRID:SCR\_026342

Type: Tool

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### Proper Citation

University of Manitoba Grex High Performance Computing Core Facility  
(RRID:SCR\_026342)

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### 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:** access service resource, computational service resource, core facility, 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>

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.