

National Computational Infrastructure AUSTRALIAN NATIONAL UNIVERSITY, ACT

The Australian National University's new facility plays host to the National Computational Infrastructure (NCI) and their next generation peta-scale supercomputer. The building accommodates the computing needs of the NCI over the next 10 – 15 years with co-location of other ANU computing capability.

The facility provides:

- a national high-end computational facility for data-intensive science that provides internationally competitive research teams (in a range of disciplines) with resources and support needed to compete at the highest levels internationally;
- a contemporary data centre and associated infrastructure, consistent with world's best practice, to house current and future high-end computational systems, and also a major node of the national research data storage network;
- a new data centre facility that is capable of continuous upgrade through to 2015 but is ideally capable of accommodating two (alternating) peak facilities and a major national data storage node, which is capable of being upgraded for at least 15 years.

The facility contains a 1,000 sqm of technical white-space, configured to accommodate the next 2 generations of HPC and 1,000 sqm of office accommodation, allowing the co-location of NCI staff and elements of the ANU's IT Infrastructure, in environmentally sustainable offices.

Value

\$22 million

Location

Acton, ACT

Client

The Australian National University (ANU)

Referee

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