BioSpectrum
the business of Bio & Health Sciences
ASIA EDITION

Monash University to build Australian-first supercomputer MAVERIC with global technology partners

August 19, 2025 | News

MAVERIC will deliver unprecedented AI capability for research in areas from cancer detection to climate action



Monash University is developing and deploying MAVERIC, in collaboration with NVIDIA, Dell Technologies and the CDC Data Centres (CDC). The advanced artificial intelligence (AI) supercomputer will use first-in-Australia technology to solve complex problems across a vast and multifaceted span of human endeavours.

Monash University Vice-Chancellor and President, Professor Sharon Pickering, said the collaboration with world-leading technology partners is essential in bringing together the expertise needed to strengthen sovereign capabilities right across the research and development pipeline.

“We want our people – Monash academics, students and our research partners – to be at the forefront of shaping the future of AI; not just in how it's applied, but in unlocking entirely new possibilities and innovations. Our focus is on solving real problems and putting AI to work in a meaningful way – from breakthroughs in cancer detection, to redefining what’s possible in preserving the health of our planet for future generations,” Professor Pickering said.

Featuring the NVIDIA GB200 NVL72 platform, MAVERIC will be purpose-built for large-scale AI and data-intensive workloads. This marks one of the first deployments of this advanced NVIDIA AI infrastructure platform in Australia, placing MAVERIC at the forefront of global AI supercomputing design.

Monash will deploy the NVIDIA GB200 NVL72 architecture through Dell Technologies, which integrates NVIDIA accelerated computing, NVIDIA AI Enterprise software and AI frameworks into its high-performance Dell Integrated Rack Scalable Systems (IRSS), including IR7000 racks with a Dell PowerEdge XE9712 server. Dell’s engineering expertise and integrated solutions will give Monash a robust and efficient platform tailored for AI research at scale, forming a critical foundation for MAVERIC’s advanced computing capabilities.

Work to build MAVERIC will commence in 2025 with the platform to be activated in early 2026.