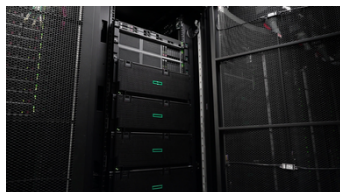


# ASPIRE 2A Data Centre Features

## Award-winning green data centre

- Singapore's Building Construction Authority (BCA) Platinum Green Mark Award
- W.Media Southeast Asia 2022 Award for Energy Efficient Innovation
- Singapore Business Review Technology Excellence Awards 2023



## IoT-enabled and digitally monitored smart data centre

Equipped with intelligent monitoring AI-assisted tools, advanced DCIM and leveraging Digital Twin technology with integrated IoT sensors, data analysis with CFD and AI, which help facilitate operations and optimise real-time supercomputer and data centre operations.



## Linked via 100G network fabric

The new data centre forms part of a high-speed, resilient research network of distributed data centres and systems connected by 100G research links between major research nodes in Singapore.

## Case Studies



**Supercomputers accelerate research to develop more effective cancer immunotherapy**



**Tackling antibiotic resistance with HPC**



**Supercomputers help scientists better understand peanut allergies**

