



HOME > NEWS > THE DATA CENTER COOLING CHANNEL

DUG offers 1MW immersion-cooled data center container

Container can host up to 850 Nvidia GPUs

November 18, 2025 By: Dan Swinhoe Have your say



Australian firm DUG has unveiled a new, larger version of its immersion-cooled containerized data center.

The company has announced the DUG Nomad 40, a 40-foot version of its containerized offering. The pod utilizes DUG’s proprietary single-phase immersion cooling system, and reportedly offers a PUE of 1.05.

“The Nomad 40 delivers extremely-high compute-density in a mobile, modular and scalable form — with a single unit providing up to 1MW of IT heat rejection and supporting more than 850 Nvidia H200 GPUs or 92,000 CPU cores,” the company said.

The Nomad 40 features 12 DUG Cool tanks, with up to 26 RU of immersed hardware per tank that can cool 84kW each. The pods are described as “Starlink compatible” for remote connectivity.

Previously known as DownUnder GeoSolutions, DUG was founded in Perth in 2003 to provide immersion-cooled high-performance computing (HPC) solutions for scientific data analysis and provides HPC-as-a-service to customers.

Clients include Murdoch University, Australian National University, University of Western Australia, Monash University, shipbuilder Austal Australia, Australia’s CSIRO research agency, crypto firm HODL Ranch, and a number of oil and gas firms.



- DUG

DUG currently has HPC deployments in [Houston](#), Texas; Kuala Lumpur, Malaysia; and Perth, Australia. The company is also planning another Australian site in [Geraldton](#), some 400km north of Perth in Western Australia.

The company first announced plans to offer a containerized product [last year](#). DUG has previously told *DCD* that the offering is targeted at Edge use cases where data needs to remain stored locally.

The original Nomad 10 offers 80kW of cooling and can host more than 80 immersion-cooled Nvidia H200 GPUs in a 10 ft container.

“Organizations increasingly need the power of a data center without being tied to one location. Nomad gives them that flexibility — the ability to deploy serious computing capability at the Edge, in days rather than months, with high energy efficiency,” said Harry McHugh, DUG chief information officer.

DUG has licensed out its immersion cooling tech to cooling solutions provider Baltimore Aircoil Company, Inc.

Subscribe to The Data Center Cooling Channel for regular news round-ups, market reports, and more.

Create an Account to Subscribe Now

More in Cooling



Performance insights for Hydroleap's EO-CT (HL-EO-CT) technology



Tidal NRG and Innov8 Gases work on helium cooling for data centers



Episode From grey space to white space - An end-to-end approach to cooling

More in Australasia



13 Nov 2025



09 Jun 2025



08 Jul 2025