

Computing & Cooling

400 – 1200kW

Compute Container

Configuration

- IT Racks ×8: Up to 140 kW per rack (80% liquid-cooled)
- Network Racks ×4: Up to 10 kW per rack (100% air-cooled)
- Per Container: Supports up to 576 B200 GPUs
- 2.4 MW Cluster: Scales to 16 NVL72 racks, totaling 1,152 B200 GPUs, fully compliant with Tier III+ standards



Overview

In a standard 40-ft shipping container, the system integrates IT racks, 2N power distribution units, N+1 air-cooling modules, gas fire suppression, humidity control, and full environmental management.

Multiple heat rejection supported, including patented liquid-cooling units, dry coolers, and closed-loop towers, making it adaptable across global climate zones.

The standard configuration includes 42U server racks, while versions with stacked piping support 47–52U racks for NVL72 GB300 deployments. Per-rack power can be customized from 10 to 140 kW.

Designed for high-density, rapid-deployment data center applications.

Features

- **Rapid Deployment:** Delivered as a pre-engineered module, the system can be commissioned within weeks of arrival, requiring only utility water, power, and network connections. Significantly shortens energization timeline.
- **High Density:** Supports the latest NVL72 platforms, support upgrade up to 200 kW per rack.
- **Scalable:** Enables unlimited “plug-and-play” expansion.
- **Quality Assurance:** Factory-level integration and validation ensure performance consistency while minimizing risks from on-site assembly.