GIGAIO

DATA SHEET

FLEXIBLE
Deploy liquid, air or hybrid mixed liquid/air configurations

HIGH PERFORMANCE
Superior energy efficiency with fan optimization

MAXIMUM UPTIME
With redundant pumps and power supplies

ROBUST MANAGEMENT
via SNMP, Redfish, Web UI, and RESTful APIs

GigaIO Cooling Options

Comprehensive thermal management from air cooling to direct-to-chip liquid cooling

GigaIO offers a complete range of advanced cooling solutions designed to support the most demanding AI and HPC workloads. From traditional air cooling to cutting-edge direct-to-chip (D2C) liquid cooling, our thermal management portfolio ensures optimal performance, reliability and energy efficiency for SuperNODE deployments and high-density commuting environments.

	Air Cooled Racks	Rear Door Heat Exchanger (RDHXw)	In-Rack CDU	In-Row CDU	Liquid-to-air Sidecar (CDU)
Cooling Capacity	Up to 35kW*	Up to 80kW	Up to 250kW	Up to 1.8MW	Up to 200kW
Power Dissipation	N/A	3.3kW	1.2kW	20kW	19kW
Supported GPUs**	PCIe GPUs				
	MI350X OAM				
	H200 SXM		B300 SXM mixed air/liquid		
Deployment Size	Any size		< 8 racks	8+ racks	2 racks/unit
Dimensions	Standard 42U or 48U	23.6” (or 31.2”) W × 87.8” H × 17.7” D 600mm (or 800mm) W x 2230mm H x 450mm D	4U: 18.9” W × 7.0” H × 45.7” D 480mm W x 177.8mm H x 1160.9mm D	33.5” W × 90.6” H × 51.2” D 850.9mm W x 2301mm H x 1300.5mm D	43.3” W × 78.7” H × 55.7” D 1099.8mm W x 1999mm H x 1414.8mm D
Weight	Varies	330.7lbs 150kg	220.5lbs 100kg	2,646lbs 1200kg	2,524lbs 1144.9kg
Infrastructure	Existing CRAC/CRAH	Facility water			Existing CRAC/CRAH
Key Features	Front-to-rear airflow	Passive heat exchanger, Retrofit ready	Redundant pumps	Floor-standing, N+1 pumps, Dual PSUs	Closed-loop, VFD fans, touchscreen
Best For	Standard density existing DCs	Retrofit density boost	Small clusters, Single racks	Large clusters, DC scale	Small deploy, No facility water

* Rack power dependent on site infrastructure
** AMD MI355X and Nvidia B300 GPUs require Direct-to-Chip (D2C) liquid cooling. Rear door heat exchanger (RDHX) doors required when using D2C without CDU solutions