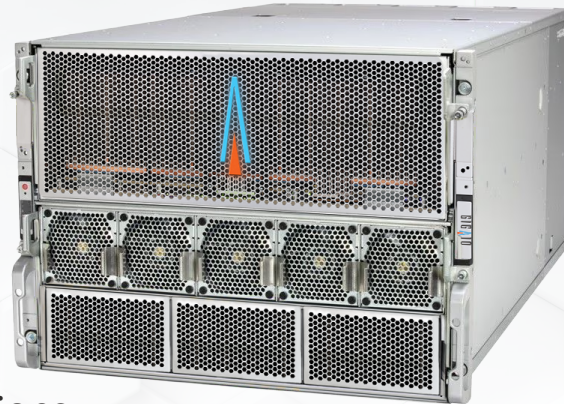


# GigaIO™ Accelerator Pooling Appliance - MI300X



## CAPACITY

8x AMD Instinct MI300X 750W accelerators

## HIGH PERFORMANCE

Ultra low latency 512Gb/s uplinks

## HIGH BANDWIDTH MEMORY SUPPORT

1.54TB Total (8x 192GB per MI300X)

## SIMPLIFIED DEPLOYMENT

RESTful APIs and WebGUI

## IDEAL FOR

- AI/ML training and inferencing clusters
- High-performance computing environments
- Data analytics acceleration
- Composable infrastructure deployments
- Scale-up computing architectures

## READY TO GET STARTED?

Contact a GigaIO authorized representative today.

[info@gigaio.com](mailto:info@gigaio.com)

## Specifications

<b>Model</b>	RB5108, Accelerator Pooling Appliance - MI300X, 8U	
<b>Accelerators</b>	8x AMD Instinct™ MI300X 192GB 750W OAM GPUs on UBB platform	
	<b>GPU to GPU</b>	<b>Fabric uplink</b>
<b>Data rate</b> (each direction)	512Gb/s	4x 512Gb/s (2.048Tb/s total)
<b>Bandwidth</b> (bi-directional)	128GB/s	4x 128GB/s (512GB/s total)
<b>Latency</b>	<120ns*	<120ns
<b>Form factor</b>	8U 19" rack-mountable chassis	
<b>Fabric ports</b>	8x QSFP-DD PCIe x8 256Gb/s NRZ Supports 2 to 8 uplinks to fabric switches or head node servers	
<b>Fabric port configuration</b>	Each port configured as single x8 (256Gb/s) Aggregate two ports as x16 (512Gb/s)	
<b>Fabric cable support</b>	Direct attached copper (DAC) up to 2m Optical transceivers with passive fiber up to 30m**	
<b>Management</b>	DMTF Redfish® RESTful API WebGUI Role-based authentication and access control Baseboard Management Controller (BMC) Power on/off and system reset buttons	
<b>Power</b>	6x redundant 3+3 3000W power supplies IEC-320-C19 power inlets, 100 to 240VAC, 50 to 60Hz 80Plus Titanium (96%) efficiency	
<b>Fans</b>	10x heavy duty hotswappable fans Airflow front-to-rear (rack handle to power side)	
<b>Dimensions</b>	17.2" W x 14.0" H x 33.2" D (437mm W x 355.6mm H x 843.3mm D)	
<b>Weight</b>	166 lbs (75.3 kgs) net	
<b>Environmental</b>	Operating temperature: 10°C to 35°C (50°F to 95°F) Non-operating temperature: -40°C to 60°C (-40°F to 140°F) Operating relative humidity: 8% to 90% (non-condensing) Non-operating relative humidity: 5% to 95% (non-condensing)	

\* Estimate for AMD Infinity Fabric™

\*\* End-user application latency may shorten range; speak with a representative for more information