

PCI Express switch Delta Firebird

PCIe switch enables integration of servers, GPGPU platforms, disk arrays, and other devices into a single system via the PCIe Gen5 interface

The platform is designed to build a regulated disaggregated and scalable infrastructure in companies that solve a wide range of tasks: from AI and machine learning, to HPC and modeling



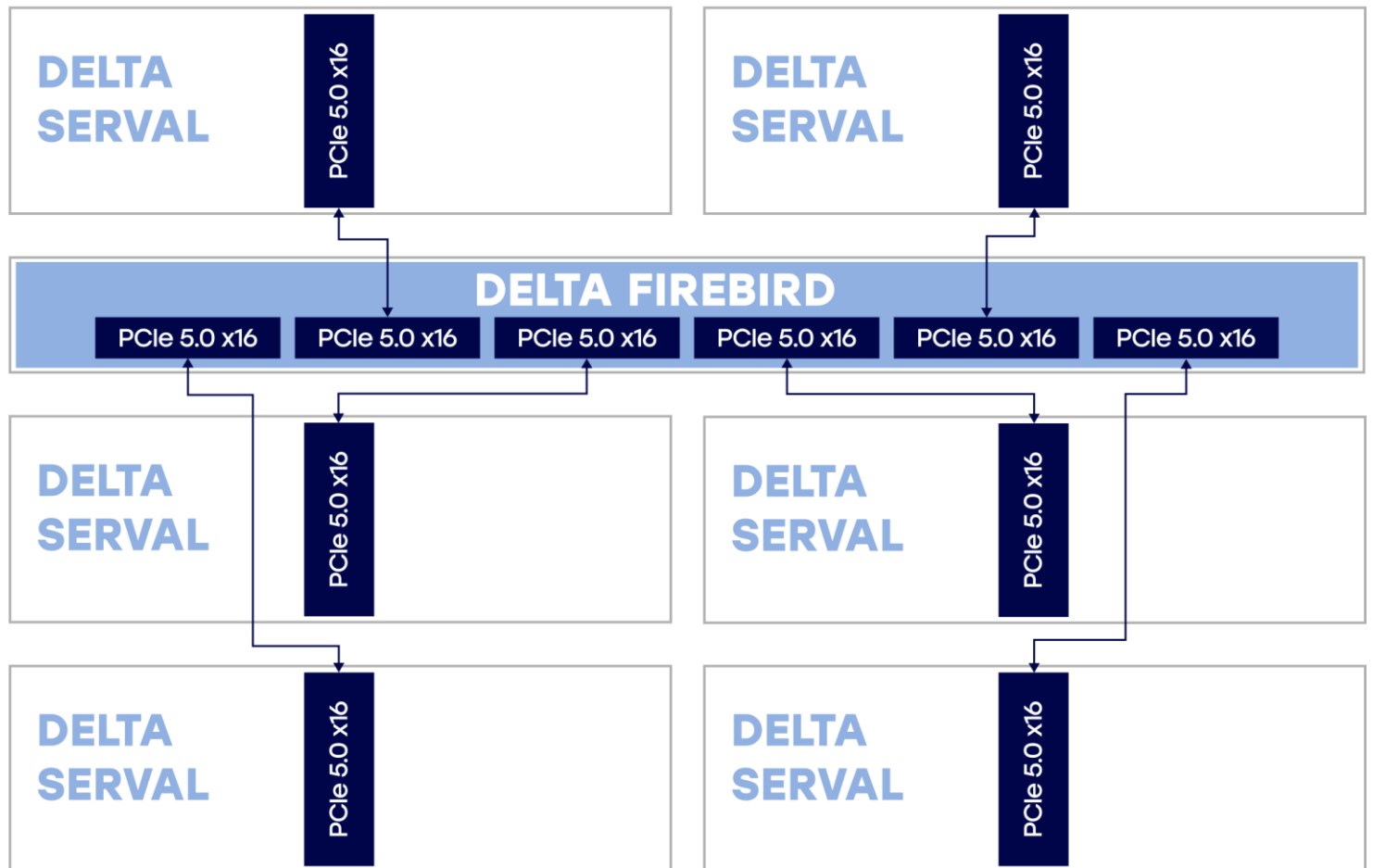
Features:

- High-speed PCIe Gen5 interface switching
- Possibility to interconnect up to 6 devices into a single computing complex
- Use in multi-controller, controller, hybrid storage
- Ability to combine multiple GPGPU platforms for AI and machine learning tasks
- Capable of mounting in either a standard 19" rack or 21" OCP Rack
- Extensive monitoring and control functionality in the Delta BMC system

Data bus interface	PCIe Gen5
Front panel connectors	6x PCIe 5.0 x16
Power supply	2x CRPS power supply or From 12V OCP centralized busbar
Cooling system	N+1 reservation formula
Embedded software	Delta BMC
Size type Dimensions, W x L x H Weight	1U, 481 mm x 629 mm x 43 mm 11 kg

Main use cases:

HPC, Database Machine Cluster
6x Delta Serval 1x Delta Firebird



HPC AI node, AI, machine learning, 3D VDI
1x Delta Serval 1x Delta Firebird 1x Delta Sprut

