

Gen4 Products

Dolphin is working on a number of Gen4 products. These products are expected to be in production in 2020. Gen4 products will provide a new level of performance, doubling the performance of Gen3 in regards to throughput. We will provide several host adapters for both transparent and non-transparent bridging. We will also upgrade our switching capacity with a new Gen4 1U switch.



MXH930

PCI Express Gen 4 x16 NTB Host Adapter

- One x16 PCIe edge port
- Four x4 PCIe Cable ports
- PCIe 4.0 or MiniSAS-HD cables
- <0.5 microsecond latency
- Low Profile Design
- Quad SFF-8644 Connectors
- Non Transparent Bridging
- 256 Gbit/s Performance
- Full Dolphin Software Stack



MXH932

Gen4 x16 PCIe Transparent Host / Target Adapter

- One x16 PCIe edge port
- Four x4 PCIe Cable ports
- PCIe 4.0 or MiniSAS-HD cables
- Copper and Fiber cables
- Quad SFF-8644 Connectors
- H/T Transparent Bridging
- Low Profile Design
- Optional board management software



MXS924

Gen4 PCI Express Switch

- 24 PCI Express Gen4 x4 ports
- Gen4 8 GT/S per lane
- 32 GT/s per port
- NTB or Transparent use
- SFF-8644 Connectors
- PCIe 3.0 or MiniSAS-HD cables
- Hot Plug cabling support
- 19 Inch 1U rack mountable
- Redundant Fans