

Next step in PCI-ExpressFabric Switching

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How can MTCA.4 systems benefit from the new features of PCI-ExpressFabric technology announced by Avago?

The Avago PEX9700 series switch chips with ExpressFabric technology offer an industry-suite of new features that dramatically improve performance while reducing power consumption and cost by 50% for the most demanding hyper-converged, NVMe, and rack scale systems.

Key Features:

- * Enable Multi-Node cluster over PCIe Fabric
- * Host-to-Host DMA
- * Share I/O Among Multiple Hosts
- * Dedicated x1 PCIe port for switch management
- * Downstream Port Containment (DCP / eDPC)
- * SSC Isolation and SRIS Clocking
- * No Changes to Existing Standard Software & Drivers

Summary

This presentation discuss the new features of the Avago PCI-ExpressFabric Switches and how this can be implemented in MicroTCA.4 systems.

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