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Intel® Ethernet Converged Network Adapter X710-DA4

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Specifications

⊖ Essentials

Status	Launched
Launch Date	Q4'14
Vertical Segment	Server
Cable Medium	Copper
Cabling Type	SFP+ Direct Attached Twin Axial Cabling up to 10m
Bracket Height	Full Height
Recommended Customer Price	-
Ethernet Controller	Intel® Ethernet Controller XL710-AM1
Product Brief	Link
Conflict Free	Yes

⊖ Networking Specifications

# of Ports	Quad
System Interface Type	PCIe v3.0 (8.0 GT/s)
Intel® Virtualization Technology for Connectivity (VT-c)	Yes
Speed & Slot Width	8.0 GT/s, x 8 Lane
Controller	Intel(R) XL710

⊖ Package Specifications

Low Halogen Options Available	See MDDS

⊖ Intel® Virtualization Technology for Connectivity

On-chip QoS and Traffic Management	Yes
Flexible Port Partitioning	Yes
Virtual Machine Device Queues (VMDq)	Yes
PCI-SIG* SR-IOV Capable	Yes

⊖ Advanced Technologies

iWARP/RDMA	No
Intel® Ethernet Power Management	Yes
Intel® Data Direct I/O Technology	Yes
Intelligent Offloads	Yes
Storage Over Ethernet	iSCSI NFS

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PCN/MDDS Information

PCN/MDDS Information Not Available

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System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

Low Halogen: Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. Intel components as well as purchased components on the finished assembly meet JS-709 requirements, and the PCB / substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants and/or PVC may not be better for the environment.

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