Intel 10 Gigabit XF SR Server Adapters 10000 Mbit/s

Brand : Intel

Product code: EXPX9502AFXSR

Product name : 10 Gigabit XF SR Server Adapters

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Energy-Efficient, Next-Generation 10 Gigabit Performance 10 Gigabit Ethernet has moved past the early adoption stage and is rapidly becoming a mainstay for backbones within Enterprise and service provider networks. The escalating deployments of servers with multi-core processors and demanding applications such as High Performance Computing (HPC), database clusters, and video-on-demand are driving the need for 10 Gigabit connections. Based on the Intel 82598EB 10 Gigabit Ethernet controller, the next-generation Intel 10 Gigabit XF SR Server Adapters are designed to meet the throughput and latency requirements of bandwidth-hungry applications, while offering a very low power envelope for energy efficiency. Ideal for slot-constrained environments, the Intel 10 Gigabit XF SR Dual Port Server Adapter provides a simplified alternative to multiple 1 Gbps server adapters.

Ports & interfaces	
Connectivity technology *	Wired
Host interface *	PCI Express
Network	
Maximum data transfer rate *	10000 Mbit/s
Bandwidth	10 Gbit/s
LAN controller	Intel® 82598EB
Other features	
Cable type	MMF up to 300m
Market segment	Server
Intel Virtual Machine Device Queues (VMDq)	✓
PCI-SIG* SR-IOV Capable	✗
On-chip QoS and Traffic Management	✗
Intel Flexible Port Partitioning	✗
Speed & slot width	2.5 GT/s, x8 Lane
Message signal interrupt	✓
Intelligent Offloads	✓
iWARP/RDMA	✗

Other features	
Fiber Channel over Ethernet	✗
Intel Virtualization Technology for Connectivity (VT-c)	VMDq
Interface type	PCIe v2.0 (2.5GT/s)
Storage Over Ethernet	iSCSI, NFS
Born on date	Q4'07
Launch date	2007-10-01T00:00:00
Network interface card cable medium	Fiber
Network interface card type	Server
Product brief URL	http://www.intel.com/Assets/PDF/prodbrief/318311.pdf
Product name	Intel 10 Gigabit XF SR Dual Port Server Adapter
Product type	13
Status	End of Life
Thermal Design Power (TDP)	14 W
Number of QPI links	Dual
Ethernet adapter ARK ID	50270
Bracket height	Low-Profile (LP) / Full-Height (FH)
Product family	Intel 10 Gigabit server adapter
Product series	Intel 10 Gigabit XF
Product codename	Green Fountain

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