Intel® Ethernet Server Adapter I340-F4

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Specifications

Essentials

Status	Launched
Launch Date	Q1'11
Vertical Segment	Server
Cable Medium	Fiber
Cabling Type	MMF 50um up to 550m; MMF 62.5um up to 275m
Bracket Height	Full Height
TDP	4.5 W
Recommended Customer Price	$855.00 - $898.00
Product Brief	Link
Supported Operating Systems	Windows Server 2012 R2*, Windows Server 2012*, Windows 8*, Windows Server 2008 R2*, Windows 7*, Windows Server 2008*, Windows Vista*, Windows Server 2003 R2*, Windows Server 2003*, Windows XP Professional, Linux* Stable Kernel version 3.x, 2.6.x, Red Hat Enterprise Linux* 5, 6, SUSE Linux Enterprise Server* 10, 11, FreeBSD 9*, , VMware ESX/ESXi*

Networking Specifications

# of Ports	Quad
System Interface Type	PCIe v2.0 (5.0GT/s)
Intel® Virtualization Technology for Connectivity (VT-c)	VMDq
Speed & Slot Width	5 GT/s, x4 Lane
Controller	Intel 82580

Package Specifications

Low Halogen Options Available	See MDDS

Advanced Technologies

iWARP/RDMA	No
Intel® Ethernet Power Management	No
Intelligent Offloads	Yes
Storage Over Ethernet	iSCSI, NFS

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	No

Related Products

Intel® Gigabit Server Adapters

Intel® Ethernet Server Adapter I340 Series

Products formerly Bartonville

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PCN/MDDS Information

904245: PCN | MDDS
904247: PCN | MDDS
904279: PCN | MDDS

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Refer to Datasheet for formal definitions of product properties and features.

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

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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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