

Intel I350T4V2 network card Internal Ethernet 1000 Mbit/s

Brand : Intel

Product code: I350T4V2

Product name : I350T4V2

Ethernet Server Adapter I350-T4V2

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Intel® Ethernet Power Management Technology provides solutions to common power management approaches by reducing idle power, reducing capacity and power as a function of demand, operating at maximum energy efficiency whenever possible, and enabling functionality only when needed.

Flexible Port Partitioning (FPP) technology utilizes industry standard PCI SIG SR-IOV to efficiently divide your physical Ethernet device into multiple virtual devices, providing Quality of Service by ensuring each process is assigned to a Virtual Function and is provided a fair share of the bandwidth.

Virtual Machine Device Queues (VMDq) is a technology designed to offload some of the switching done in the VMM (Virtual Machine Monitor) to networking hardware specifically designed for this function. VMDq drastically reduces overhead associated with I/O switching in the VMM which greatly improves throughput and overall system performance



Ports & interfaces		Other features	
Connectivity technology *	Wired	Intel Trusted Execution Technology	✗
Host interface *	PCI Express	Thermal power	5 W
Interface *	Ethernet	Embedded options available	✗
Ethernet LAN (RJ-45) ports	4	Intel Virtual Machine Device Queues (VMDq)	✓
PCI version	2.1	PCI-SIG® SR-IOV Capable	✓
PCI Card form factor	Half-height (low-profile)	On-chip QoS and Traffic Management	✓
		Intel Flexible Port Partitioning	✓
		Storage-over-ethernet	✓
		Speed & slot width	5.0 GT/s, x4 Lane
		Message signal interrupt	✗
		Low halogen options available	✗
		Intelligent Offloads	✓
		iWARP/RDMA	✗
		Fiber Channel over Ethernet	✗
		Intel Ethernet Power Management	✓
		Intel Data Direct I/O Technology	✗
		Intel Virtualization Technology for Connectivity (VT-c)	✓
		Interface type	PCIe v2.1 (5.0 GT/s)
		Storage Over Ethernet	iSCSI, NFS
		Born on date	Q3'14
		Launch date	Q3'14
		Network interface card cable medium	Copper
		Network interface card type	Server
		Product brief URL	http://www.intel.com/content/www/us/en/ethernet-controllers/ethernet-i350-server-adapter-brief.html?wapkw=i350
		Product name	Intel Ethernet Server Adapter I350-T4V2
		Product type	Network interface Card
		Status	Launched
		Thermal Design Power (TDP)	5 W
		Number of QPI links	Quad
		Last change	63903513
		Processor family	Gigabit Ethernet Adapters (up to 2.5GbE)-Gigabit Ethernet Adapters (up to 2.5GbE)
		Ethernet adapter ARK ID	84805
		Export Control Classification Number (ECCN)	5A991
		Commodity Classification	NA
		Automated Tracking System (CCATS)	Intel I350
		Controller type	Cat 5 up to 100m
		Cabling type	Low-Profile (LP) / Full-Height (FH)
		Bracket height	Intel Gigabit server adapter
		Product family	Intel® I350
		Product series	Powerville
		Product codename	
Network			
Maximum data transfer rate *	1000 Mbit/s		
Networking standards *	IEEE 802.1as, IEEE 802.1Q, IEEE 802.3, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Cabling technology	10/100/1000BaseT(X)		
Copper ethernet cabling technology	1000BASE-T, 100BASE-TX, 10BASE-T		
Full duplex	✓		
Supported network protocols	TCP, UDP, IP		
Maximum operating distance	100 m		
LAN controller	Intel® I350		
Design			
Component for *	Server		
Product colour	Green, Silver		
Internal *	✓		
Chipset	Intel® I350		
LED indicators	LAN		
Power			
Power consumption (typical)	5 W		
System requirements			
Compatible operating systems	https://www.intel.com/content/www/us/en/support/articles/000025890/network-and-i-o/ethernet-products.html		
Linux operating systems supported	RedHat EL Linux 5.0, RedHat EL Linux 6.0, SuSE Linux 10, SuSE Linux 11		
Server operating systems supported	Windows Server 2003 R2, Windows Server 2008 R2		
Operational conditions			
Operating temperature (T-T)	0 - 55 °C		
Storage temperature (T-T)	-40 - 70 °C		
Storage relative humidity (H-H)	35 - 90%		

Weight & dimensions

Width	68.9 mm
Depth	135.4 mm
Height	120 mm

Logistics data

Harmonized System (HS) code	85176990
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Other features

Cable type	Cat 5 up to 100m
Market segment	Server



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