

Intel X540T2 network card Internal Ethernet 10000 Mbit/s

Brand : Intel

Product code: X540T2

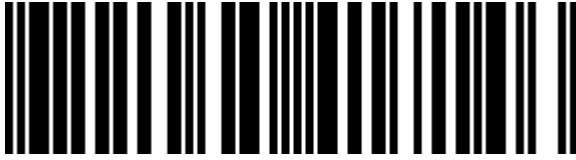
Product name : X540T2

Ethernet Converged Network Adapter X540-T2

Intel X540T2. Internal. Connectivity technology: Wired, Host interface: PCI Express, Interface: Ethernet. Maximum data transfer rate: 10000 Mbit/s



Ports & interfaces		Other features	
Connectivity technology *	Wired	On-chip QoS and Traffic Management	✓
Host interface *	PCI Express	Intel Flexible Port Partitioning	✓
Interface *	Ethernet	Speed & slot width	5.0 GT/s, x8 Lane
Ethernet LAN (RJ-45) ports	2	Low halogen options available	✗
PCI version	2.1	Intelligent Offloads	✓
PCI Card form factor	Half-height (low-profile)	iWARP/RDMA	✗
Network		Intel Ethernet Power Management	✗
Maximum data transfer rate *	10000 Mbit/s	Intel Data Direct I/O Technology	✓
Networking standards *	IEEE 802.1p, IEEE 802.1Q, IEEE 802.3, IEEE 802.3ad	Intel Virtualization Technology for Connectivity (VT-c)	✓
Ethernet LAN	✓	Interface type	PCIe v2.1 (5.0 GT/s)
Ethernet LAN data rates	100,1000,10000 Mbit/s	Storage Over Ethernet	iSCSI, FCoE, NFS
Quality of Service (QoS) support	✓	Born on date	Q1'12
Maximum operating distance	100 m	Launch date	Q1'12
LAN controller	Intel® X540	Network interface card cable medium	Copper
Design		Network interface card type	Server
Internal *	✓	Product brief URL	http://www.intel.com/content/www/us/en/network-adapters/10-gigabit-network-adapters/ethernet-x540-t2-brief.html
Chipset	X540	Product name	Intel Ethernet Converged Network Adapter X540-T2
System requirements		Product type	Network Interface Card
Compatible operating systems	https://www.intel.com/content/www/us/en/support/articles/000025890/network-and-i-o/ethernet-products.html	Status	Launched
Windows operating systems supported	✓	Thermal Design Power (TDP)	13.4 W
Linux operating systems supported	✓	Number of QPI links	Dual
Logistics data		Last change	64826822
Harmonized System (HS) code	8517620090	Ethernet adapter ARK ID	58954
Other features		Export Control Classification Number (ECCN)	5A992C
Cable type	RJ45 Category 6 up to 55 m; Category 6A up to 100 m	Commodity Classification Automated Tracking System (CCATS)	G135872
Market segment	Server	Controller type	Intel® Ethernet Controller X540
Intel® Virtualization Technology (Intel® VT)	VT-c	Cabling type	RJ45 Category 6 up to 55 m; Category 6A up to 100 m
Thermal power	13.4 W	Bracket height	Low-Profile (LP) / Full-Height (FH)
Intel Virtual Machine Device Queues (VMDq)	✓	Product family	Intel 10 Gigabit server adapter
PCI-SIG* SR-IOV Capable	✓	Product series	500 Series Network Adapters (up to 10GbE)



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