

Intel X520LR2BPL network card Internal Fiber 10000 Mbit/s

Brand : Intel

Product code: X520LR2BPL

Product name : X520LR2BPL



Intel Ethernet Server Bypass Adapter X520-LR2

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Intel's new family of Intel® Ethernet Converged Network Adapter X520 are the most flexible and scalable Ethernet adapters for today's demanding data center and cloud environments.

The Intel® Ethernet Converged Network Adapter X520 family addresses the demanding needs of the next-generation data center by providing unmatched features for virtualization, flexibility for LAN and storage area network (SAN) networking, and proven, reliable performance.

Intel X520LR2BPL. Internal. Connectivity technology: Wired, Host interface: PCI Express, Interface: Fiber. Maximum data transfer rate: 10000 Mbit/s

Ports & interfaces		Other features	
Connectivity technology *	Wired	Intel Flexible Port Partitioning	✗
Host interface *	PCI Express	Storage-over-ethernet	✓
Interface *	Fiber	Speed & slot width	5.0 GT/s, x8 Lane
Ethernet LAN (RJ-45) ports	2	Low halogen options available	✗
Fiber ports quantity	2	Intelligent Offloads	✓
PCI version	2.0	iWARP/RDMA	✗
PCI Card form factor	Full-height (low-profile)	Intel Data Direct I/O Technology	✓
Network		Intel Virtualization Technology for Connectivity (VT-c)	✓
Maximum data transfer rate *	10000 Mbit/s	Interface type	PCIe v2.0 (5.0 GT/s)
Ethernet LAN	✓	Storage Over Ethernet	iSCSI, NFS
Ethernet LAN data rates	1000,10000 Mbit/s	Launch date	Q2'14
Cabling technology	10/100/1000BaseT(X)	Network interface card cable medium	Fiber
Fiber mode structure	Single-mode	Network interface card type	Server
Maximum operating distance	10000 m	Product type	Network Interface Card
LAN controller	Intel® 82599EN	Status	Discontinued
Design		Thermal Design Power (TDP)	6.8 W
Component for *	Server	Last change	63903513
Internal *	✓	Ethernet adapter ARK ID	84369
Logistics data		Export Control Classification Number (ECCN)	5A992C
Harmonized System (HS) code	8517620090	Commodity Classification Automated Tracking System (CCATS)	G135872
Other features		Controller type	Intel(R) 82599EN
Cable type	SMF up to 10km	Cabling type	SMF up to 10km
Market segment	Server	Bracket height	Low-Profile (LP) / Full-Height (FH)
Thermal power	6.8 W	Product family	Intel 10 Gigabit server adapter
Intel Virtual Machine Device Queues (VMDq)	✓	Product series	500 Series Network Adapters (up to 10GbE)
PCI-SIG* SR-IOV Capable	✓		
On-chip QoS and Traffic Management	✗		



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