

Intel E10G42BFSR network card Internal 10000 Mbit/s

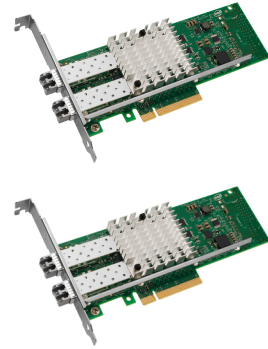
Brand : Intel

Product code: E10G42BFSR

Product name : E10G42BFSR

Ethernet Server Adapter X520-SR2

Intel E10G42BFSR. Internal. Connectivity technology: Wired, Host interface: PCI Express. Maximum data transfer rate: 10000 Mbit/s



Ports & interfaces		Other features	
Connectivity technology *	Wired	Intel Flexible Port Partitioning	✓
Host interface *	PCI Express	Speed & slot width	5.0 GT/s, x8 Lane
Ethernet LAN (RJ-45) ports	2	Message signal interrupt	✓
PCI version	2.0	Low halogen options available	✗
Network		Intelligent Offloads	✓
Maximum data transfer rate *	10000 Mbit/s	IPsec/PRDMA	✗
Ethernet LAN data rates	10,1000 Mbit/s	Fiber Channel over Ethernet	✓
Full duplex	✓	Intel Data Direct I/O Technology	✓
Fiber mode structure	Multi-mode	Intel Virtualization Technology for Connectivity (VT-c)	✓
Maximum operating distance	300 m	Interface type	PCIe v2.0 (5.0 GT/s)
LAN controller	Intel® 82599	Storage Over Ethernet	iSCSI, FCoE, NFS
Design		Born on date	Q3'09
Internal *	✓	Launch date	Q3'09
Plug and Play	✓	Network interface card cable medium	Fiber
Certification	FCC B, UL, CE, VCCI, BSMI, CTICK, KCC	Network interface card type	Server
System requirements		Product brief URL	https://www.intel.com/content/www/us/en/ethernet-products/converged-network-adapters/ethernet-x520-server-adapters-brief.html
Compatible operating systems	https://www.intel.com/content/www/us/en/support/articles/000025890/network-and-i-o/ethernet-products.html	Product name	Intel Ethernet Converged Network Adapter X520-SR2
Operational conditions		Product type	Network Interface Card
Operating temperature (T-T)	0 - 55 °C	Status	Launched
Storage temperature (T-T)	-40 - 70 °C	Thermal Design Power (TDP)	10.7 W
Weight & dimensions		Number of QPI links	Dual
Width	145.5 mm	Last change	64826814
Logistics data		Processor family	500 Network Adapters (up to 10GbE)-500 Network Adapters (up to 10GbE)
Harmonized System (HS) code	85176990	Ethernet adapter ARK ID	39774
Other features		Export Control Classification Number (ECCN)	5A992C
Compliance industry standards	IEEE 802.3	Commodity Classification (CCATS)	G135872
Cable type	MMF up to 300m	Automated Tracking System (CCATS)	
Market segment	Server	Controller type	Intel® 82599 10 Gigabit Ethernet Controller
Data transfer rate	10 Gbit/s	Cabling type	MMF up to 300m
Ports quantity	2	Bracket height	Low-Profile (LP) / Full-Height (FH)
Link/Act LED	✓	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	✓	Product codename	Spring Fountain
On-chip QoS and Traffic Management	✓		



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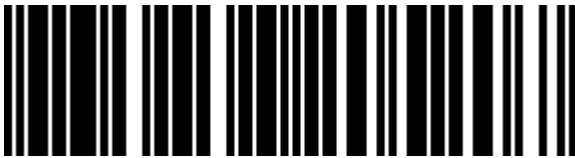
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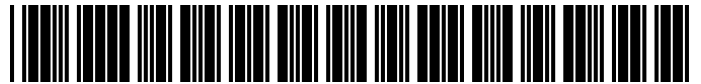
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