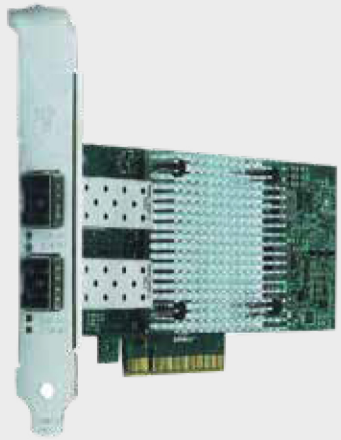


LNG9812BF-2SFP+

PCI EXPRESS X8 DUAL PORT SFP+ 10 GIGABIT ETHERNET SERVER ADAPTER (BASED ON INTEL X710)



KEY FEATURES

- Dual Port 10GbE adapters
- PCI Express (PCIe) v3.0,(8.0GT/s) x8 lanes
- SFP+ Connectivity
- Network Virtualization
- Exceptional Low Power Adapters
- IEEE 802.3ad and 10G Ethernet specification compliance
- Data Plane Development Kit (DPDK) support
- Excellent small packet performance for network appliances and Network Functions Virtualization (NFV)
- Low profile and full height bracket

OVERVIEW

LNG9812BF-2SFP+ is LNGLINE a new generation of high-performance server network adapter, based on the Intel X710-BM2 controller. The Server Adapter addresses the demanding needs of the next-generation agile data center by providing unmatched features for both server and network virtualization, flexibility for LAN and SAN networks and proven, reliable performance.

The LNG9812BF-2SFP+ adapter deliver superior performance in a PCI Express v3.0 x8 slot. Optimized performance vectors and key uses include: Small Packet Performance, Bulk Transfer Performance, Network Virtualization, Storage Performance and so on.

SPECIFICATIONS

Controller	Intel X710
Transmission Rate Per Port	10GbE
Network Standard Physical Layer Interfaces	10GBASE-SR 10GBASE-LR 10G SFP+ DAC/AOC
Jumbo Frame Support	Up to 9.5 KB
Operating Temperature	0 °C to 55 °C (32 °F to 131 °F)
Network Virtualization	VLAN, VLAN tag, VXLAN, NVGRE, GENEVE,VLMB
LED Indicators	10Gb/s= ACK Yellow and Link Green
Operating System Support	Windows Server 2008 R2 / 2012 / 2012 R2 / 2016 R2 Windows 7/8/8.1/10 Linux Stable Kernel version 2.6.x/3.x/4.x or later VMware ESX/ESXi 5.x/6.x or later

ORDERING INFORMATION

Model	Description
LNG9812BF-2SFP+	PCI Express x8 Dual Port SFP+ 10 Gigabit Ethernet Server Adapt(u Intel X710 Based (2*SFP+)
LNG8510-X3ATL	SFP+ Duplex 10Gbps 3.3V Multi-Mode Transceiver ,850nm 0.3km
LNG1310-10ATL	SFP+ Duplex 10Gbps 3.3V Single-Mode Transceiver, 1310nm , 10km
SFP+-10G-CUxM	10G SFP+ DAC (Direct Attached Cable) 1M,3M,5M,10M
SFP+-AOC-3M	10 Gigabit Active Optical Cable Assembles 3m