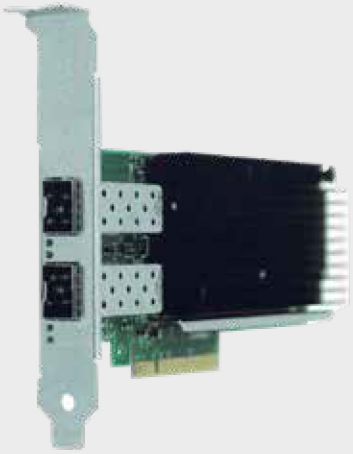


LNG1001PF-2SFP28

PCI EXPRESS X8 DUAL PORT SFP28 25 GIGABIT ETHERNET SERVER ADAPTER (BASED ON INTEL XXV710)



KEY FEATURES

- Dual-port IGbE/10GbE/25GbE adapters
- PCI Express (PCIe) v3.0,(8.0 GT/s) x8 lanes
- SFP28 Connectivity
- PXE,iSCSI boot
- Network Virtualization
- IEEE 802.3by and 25GE 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

LNG1001PF-2SFP28 is a PCIe x8 3.0 25Gbps Dual Port SFP28 Ethernet Fiber Server Adapter based on Intel XXV710 chipset, compatible with PCIe xl6 slot. The server adapter can meets the demanding of next-generation data centers by providing unmatched features for both server and network virtualization, providing a reliable performance in a flexible LAN and SAN networks.

The server adapter LNG1001PF-2SFP28 delivers an excellent performance for 25GbE connectivity that is backwards compatible with 1/ IOGbE, making migration to a higher speed easier.

SPECIFICATIONS

Controller	Intel XXV710
Transmission Rate Per Port	1GbE/10GbE/25GbE
Network Standard Physical Layer Interfaces	25GBASE-SR/LR (optical transceivers) \ 25GBASE-CR (DAC) 10GBASE-SR/LR (optical transceivers) \ IOGbE SFP+ DAC 1000BASE-SX/LX (optical transceivers) \ IGbE SFP DAC
Jumbo Frame Support	Up to 9.5 KB
Operating Temperature	0°Cto 50 °C (32 °F to 122 °F)
Network Virtualization	VXLAN, MACinUDP, NVGRE, IPinGRE
LED Indicators	Link Green,25Gb/s: Green blinking, 10Gb/s:Yellow blinking,IGb/s: Not bright
Operating System Support	Windows Server 2008 R2 / 2012 R2 / 2016 R2 Windows 7 x64 / 8 / 8.1 / 10 Linux Stable Kernel version 2.6.32/3.x/4.x or later VMvare ESX/ESXi 5.5/6.X or later

ORDERING INFORMATION

Model	Description
LNG1001PF-2SFP28	PCI Express x8 Dual-Port SFP28 25 Gigabit Ethernet Server Adapter Intel XXV710 Based (2*SFP28)
LRTP8525-X1ATL	25GBASE-SR MMF Up to 70m on OM3 MMF and 100m on OM4 MMF
LRTP1325-10ATL	25GBASE-LR SMF Up to 10km
SFP28-AOC-XM	850nm 25G AOC, 1M,2M, 3M,5M...