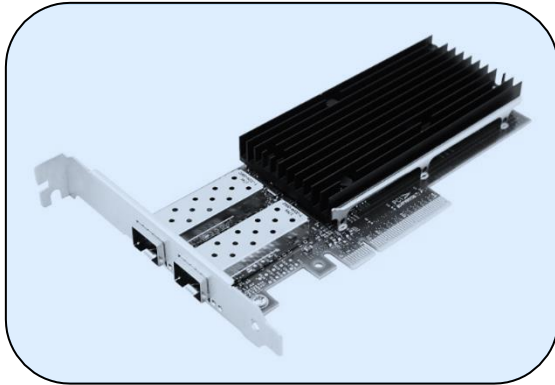




# XE5-P286

**PCIe v3.0 x8 25 Gigabit Dual-port Ethernet Server Adapter (based on Intel XXV710)**

XE5-P286 PCIe v3.0 x8 25 Gigabit Dual-port Adapter



10GBASE-T converged XE5-P286 is a PCIe x8 3.0 25 Gbps Dual Port SFP28 Ethernet Fiber Server Adapter based on Intel XXV710 chipset, compatible with PCIe x16 slot. It provides features for both server and network virtualization and reliable performance in LAN and SAN networks.

### Features

- Dual-port 1GbE/10GbE/25GbE adapters
- PPCI Express (PCIe) v3.0, 8.0 GT/s, x8 lanes
- SFP28 Connectivity
- PXE, iSCSI boot
- Network Virtualization
- IEEE 802.3by and 25G Ethernet.org 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

### Technical Specification

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

**Ordering information<sup>1</sup>**

PN	Description
<b>NIC</b>	
XE5-P286	Intel XXV710 PCIe x8 25 Gbps Dual Port SFP28 Fiber Server Adapter
<b>Pluggables</b>	
XTM855-xxLY	25GBASE-SR MMF Up to 70 m on OM3 MMF and 100 m on OM4 MMF
XTS315-10LY	25GBASE-LR SMF Up to 10 km
<b>Cables</b>	
XCE-S8S8Ngg	850 nm 25 G AOC, SFP28, 1M, 2M, 3M, 5M, ...

**Notes:**

<sup>1</sup> For accurate order specification please contact Xenopt reseller before placing an order. The content of this document is subject to change without notice.

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