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Data Sheet

USB 3.0 to Dual Port Gigabit Ethernet Adapter NIC w/ USB Port

Product ID: USB32000SPT



The USB32000SPT USB 3.0 to Dual Port Gigabit Ethernet Adapter lets you add two Gigabit Ethernet ports to your laptop or Ultrabook™ computer through a single USB 3.0 port, and features an integrated USB 3.0 pass-through port that keeps your USB port available for use with external storage or other peripherals. Each RJ45 port supports 10/100/1000 Mbps Ethernet and is fully compatible with IEEE 802.3i/u/ab standards.

This 2-port USB LAN adapter is a versatile solution for connecting to two separate physical networks simultaneously, leveraging the 5 Gbps speed of USB 3.0 to provide dedicated gigabit bandwidth to each port. The dual USB NIC is also ideal for providing dedicated physical network interfaces to virtual machine configurations. Great for IT administrators that require dual-homed or multi-homed host systems.

The USB 3.0 NIC supports IPv4/IPv6 packet Checksum Offload Engine (COE) and TCP large send offload to reduce the load on your CPU, as well as Jumbo Frames, full-duplex operation with 802.3x flow control, and VLAN tagging for an efficient and full-featured USB network adapter.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS Compliant Available

Applications

- Business or IT professionals that need to connect to two separate networks simultaneously
- Run a virtual machine(s) on a workstation, with access to separate physical network connections
- Replacement for a failed built-in Gigabit Ethernet port on a laptop

Features

- Dual Gigabit Ethernet ports through a single USB connection
- Integrated USB 3.0 pass-through port
- IEEE 802.3, 802.3u and 802.3ab (10BASE-T, 100BASE-TX, and 1000BASE-T) compatible
- Crossover Detection & Auto-Correction (Auto MDIX)
- IEEE 802.1Q VLAN Tagging support
- Up to 4K Jumbo Frame support
- Supports Checksum Offload (IPv4, IPv6, TCP, UDP) and Large Send Offload
- Compact, lightweight design for maximum portability

	Warranty	2 Years
Hardware	Bus Type	USB 3.0
	Chipset ID	ASIX - AX88179 VIA/VLI - VL811
	Industry Standards	IEEE802.3i IEEE 802.3u IEEE 802.3ab IEEE 802.3az IEEE 802.1q (VLAN Tagging Support)
	Interface	RJ45 (Gigabit Ethernet)
	Ports	2
Performance	Auto MDIX	Yes
	Compatible Networks	10/100/1000 Mbps
	Full Duplex Support	Yes
	Jumbo Frame Support	4K max.
	Max Distance	100 m / 330 ft
	Maximum Data Transfer Rate	5 Gbps (USB 3.0) 2 Gbps (Ethernet - Full-Duplex)
	Type and Rate	USB 3.0 - 5 Gbit/s
Connector(s)	Connector Type(s)	1 - USB Type-A (9 pin) USB 3.0 Female 1 - USB Type-A (9 pin) USB 3.0 Male 2 - RJ-45 Female
Software	OS Compatibility	Windows® XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016 Mac OS® 10.6 to 10.14 - *VLAN tagging is currently not supported in Mac OS* Linux Kernel 2.6.25 to 4.11.x *LTS Versions only*
Special Notes / Requirements	System and Cable Requirements	Available USB port
Indicators	LED Indicators	1 - Gigabit Link/Activity (Amber) 2 - 10/100 Link/Activity (Green)
Power	Power Source	USB-Powered
Environmental	Humidity	5~85% RH
	Operating Temperature	0°C to 50°C (32°F to 122°F)
	Storage Temperature	-20°C to 60°C (-4°F to 140°F)

Physical Characteristics	Cable Length	8 in [203.2 mm]
	Color	Black
	Enclosure Type	Plastic
	Form Factor	Attached Cable
	Product Height	0.6 in [16 mm]
	Product Length	3 in [75 mm]
	Product Weight	2.1 oz [59 g]
	Product Width	2.4 in [60 mm]
Packaging Information	Shipping (Package) Weight	5.4 oz [154 g]
What's in the Box	Included in Package	1 - USB 3.0 Dual Network Adapter
		1 - Driver CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.