

USB 3.0 To Dual Gigabit Ethernet Network Adapter



- Dual Gigabit Ethernet ports through a single USB connection
- Compliant with Universal Serial Bus 3.0 Specification, Revision 1.0
- Compatible with USB Specification, Revision 2.0
- Supports CDC-ECM
- Supports crossover detection, auto-correction, polarity correction, adaptive equalization, cross-talk+echo cancellation, and timing recovery
- Supports advanced link down power saving when Ethernet cable is unplugged
- Supports ACPI, APM, OSPM, and Wake-on-LAN
- Supports jumbo frame up to 9K bytes
- USB Cable Type A & 2 x RJ45 connection
- LED indicators for Ethernet connection
- Support Windows XP, 7, 8, 8.1 / Mac OS X 10.8 or Greater / Latest Linux kernel

Software Offload:

- Microsoft NDIS5, NDIS6 Checksum Offload (IPv4, IPv6, TCP, UDP) and Segmentation Task-offload (Large send v1 and Large send v2) support

IEEE:

- Supports full duplex operation with IEEE 802.3x flow control and half duplex operation with back-pressure flow control
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab ■ Supports IEEE 802.1P Layer 2 Priority Encoding ■ Supports IEEE 802.1Q VLAN tagging
- Supports IEEE 802.3az-2010 (Energy Efficient Ethernet)

Microsoft AOAC (Always On Always Connected):

- Supports 16-set 128-byte Wake-Up Frame pattern exact matching ■ Supports link change wake up ■ Supports Microsoft WPD (Wake Packet Detection)
- Supports Protocol Offload (ARP & NS)

Intel CPPM (Converged Platform Power Management):

- Supports L1 with 3ms BESL (USB 2.0) ■ Dynamic LTM messaging (USB 3.0) ■ Supports U1/U2 (USB 3.0) ■ Supports selective suspend

• Introduction:

Vantec introduces the USB 3.0 To Dual Gigabit Ethernet Network Adapter bringing you Dual Gigabit Ethernet through a single USB port. With the ease through a single USB connection, you can gain gigabit network speeds of up to 1000Mbps and be connected to two separate physical networks for any special function like network management, networked virtual machine configuration, bridging, gateway management, networking troubleshooting and more. This is a convenient solution for any IT administrators to bring along with their systems such as laptops, Ultrabooks or Macbook Airs to analyze and manage any networks. This USB 3.0 To Dual Gigabit Ethernet Network Adapter comes with a wealth of features to help enhance its use.

• Specifications:

| | |
|-----------------------|---------------------------------------------------|
| Model: | CB-U320GNA |
| Device Support: | USB 3.0 Type A (backward compatible with USB 2.0) |
| USB Port: | 1, Type A |
| Gigabit Network Port: | 2 - RJ45 Ethernet (10/100/1000) |
| Power: | USB Bus powered |
| Dimension: | 86 x 35 x 17 mm |
| Cable Length: | 194 mm |

*Actual speed may varies depending on the OS, condition, configuration, network traffic and equipment used.

• System Requirement

- > Microsoft Windows XP, Vista, 7, 8, 8.1 / Mac OS X 10.8 or Greater / Latest Linux OS
- > USB 3.0 Port preferred to get maximum speed

• Package Contents

USB 3.0 To Dual Gigabit Ethernet Network Adapter, User's Manual, Driver CD