

# EN301 Series

32bit PCI-Bus 100BASE-FX Ethernet Adapter



## Features

**This product is discontinued as of 31th July 2021. Click [here](#) for alternative product.**

- » PCI 2.2 Specification compliant
- » Separate 2K Bytes FIFO for receive and transmit controllers
- » Advanced Configuration Power Interface (ACPI):
  - Supports PC99, PC2001 and Net PC requirements
  - Supports PCI Bus Power Management Interface Specification Version 1.0/1.1
  - Supports ACPI Specification 1.0
  - Support Network Device Class Power Management Specification Version 1.0a
  - Wake-up supports magic packet
- » MAC Enhancement Function
  - UDP, TCP/IP checksum for IPv4 frames
  - Statistics of 12 sets of hardware Management Information BASE counters
- » Utilities
  - Windows auto installation
  - MS-DOS diagnostics
  - Desktop Management Interface (DMI) 2.0 (Vista is not support)
- » 0°C to 45°C (32°F to 113°F) operating temperature range

# Specifications

## Technology

### Standards

- IEEE802.3u 100BASE-FX
- IEEE802.3x
- IEEE802.1Q

### Protocols

- IEEE802.3x full-duplex flow control; Multiple pause frame XON/XOFF

### Driver

- Microsoft Windows 95 (including OSR2), Windows 98 (including SE), Windows ME, Windows 2000, Windows XP, Windows Vista (32bit/64bit), Windows NT 4.0,
  - Windows 7 (32bit/64bit)
  - LAN Manager, LANtastic, PC-NFS
  - Novell Netware 3.11, 3.12, 4.x, 5.x, 6.0, Client 32
  - Linux Kernel 2.2.x/2.4.x/2.6.x
  - FreeBSD 3.2, 4.0, 4.11, 4.2, 5.x
  - SCO UnixWare 7.x/OpenUnix 8, SCO UNIX 5.0
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## Power

### Power Consumption

- 1W Max.
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## Mechanical

### Dimensions

- EN301: 133mm (L) x 117.5mm (W) ; 5.23" (L) x 4.62" (W)
- EN301L: 133mm (L) x 80mm (W) ; 5.23" (L) x 3.14" (W)

### Weight

- 80g (0.18lb.)
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## Interface

### Ethernet Port

- 100BASE-FX: 1 port

### LED Indicators

- Per Unit: Link/Activity, Speed

## Environment

### **Operating Temperature**

- 0°C to 45°C (32°F to 113°F)

### **Storage Temperature**

- -10°C to 70°C (14°F to 158°F)

### **Ambient Relative Humidity**

- 5% to 95% (non-condensing)
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## Regulatory Approvals

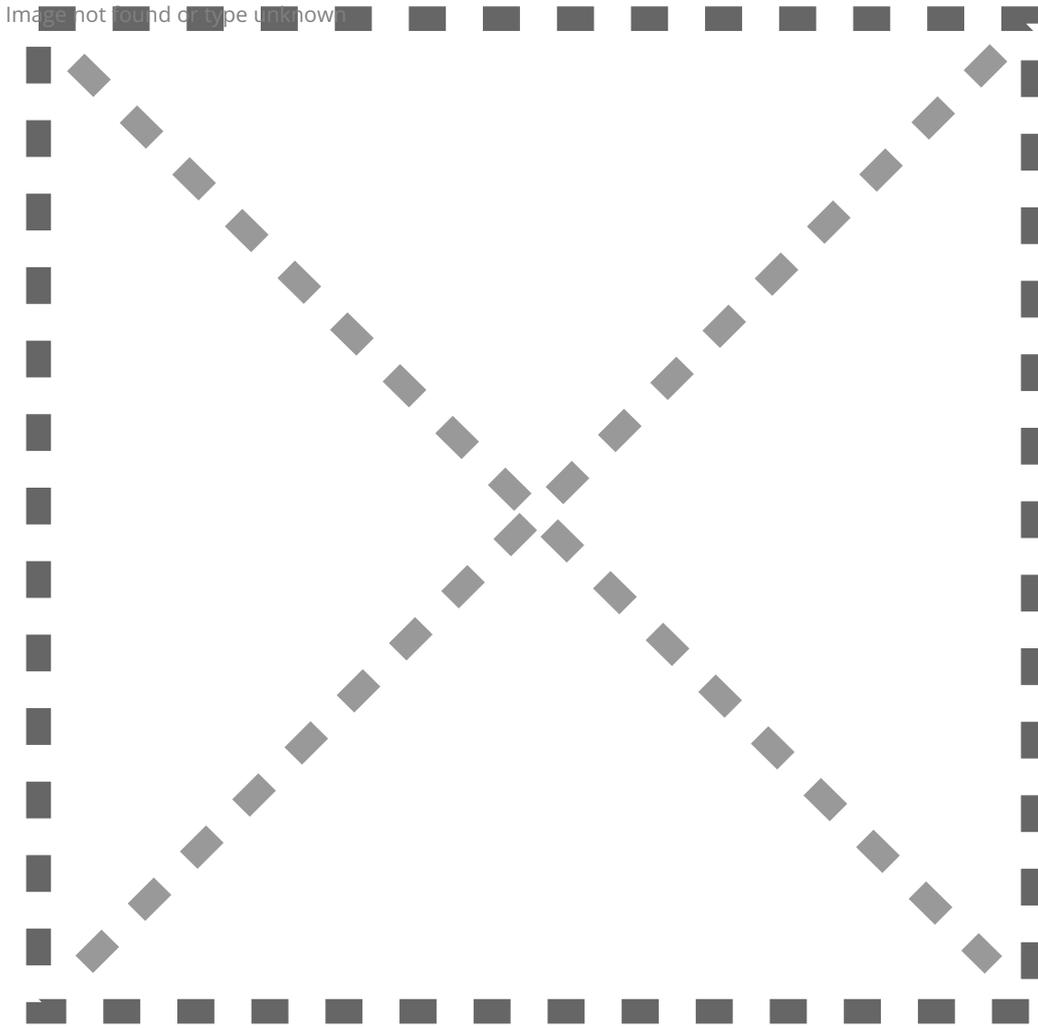
### **ISO**

- Manufactured in an ISO9001 facility

### **Emission Compliance**

- FCC Part 15, Class B
  - CE Mark Class B
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## Dimensions



## Ordering Info

### Model

<b>EN301C</b>	100BASE-FXMultiMode(SC) Ethernet Adapter
<b>EN301T</b>	100BASE-FXMultiMode(ST) Ethernet Adapter
<b>EN301C-20</b>	100BASE-FXSingleMode(SC)-20Km Ethernet Adapter
<b>EN301C-40</b>	100BASE-FXSingleMode(SC)-40Km Ethernet Adapter
<b>EN301T-20</b>	100BASE-FXSingleMode(ST)-20Km EthernetAdapter
<b>EN301CB-20</b>	100BASE-FXSingleMode(SC) WDM-TX:1310nm/RX:1550nm-20Km Ethernet Adapter
<b>EN301CA-40</b>	100BASE-FXSingleMode(SC) WDM-TX:1310nm/RX:1550nm-40Km Ethernet Adapter
<b>EN301CB-40</b>	100BASE-FXSingleMode(SC) WDM-TX:1550nm/RX:1310nm-40Km Ethernet Adapter
<b>EN301LC</b>	100BASE-FXMultiMode(SC) Ethernet Adapter with low-profile bracket
<b>EN301LT</b>	100BASE-FXMultiMode(ST) Ethernet Adapter with low-profile bracket
<b>EN301LC-20</b>	100BASE-FXSingleMode(SC)-20Km Ethernet Adapter with low-profile bracket
<b>EN301LC-40</b>	100BASE-FXSingleMode(SC)-40Km Ethernet Adapter with low-profile bracket
<b>EN301LT-20</b>	100BASE-FXSingleMode(ST)-20Km Ethernet Adapter with low-profile bracket
<b>EN301LCA-20</b>	100BASE-FXSingleMode(SC)WDM-TX:1310nm/RX:1550nm-20Km Ethernet Adapter with low-profile bracket
<b>EN301LCB-20</b>	100BASE-FXSingleMode(SC)WDM-TX:1550nm/RX:1310nm-20Km Ethernet Adapter with low-profile bracket
<b>EN301LCA-40</b>	100BASE-FXSingleMode(SC)WDM-TX:1310nm/RX:1550nm-40Km Ethernet Adapter with low-profile bracket
<b>EN301LCB-40</b>	100BASE-FXSingleMode(SC)WDM-TX:1550nm/RX:1310nm-40Km Ethernet Adapter with low-profile bracket



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