

EN303 Series

32bit PCI-Bus 10/100BASE-TX to 100BASE-FX Media Converter



- › Supports Multi-types of fiber connectors and modes
- › Mounted in the PCI slot of a PC, workstation, or server without driver installation and configuration



Features

- › Two queues per port for QoS purpose
- › Supports packet length up to 1536 Bytes
- › Complies with PCI 2.1 specification
- › Built-in data buffer 49K Bytes
- › 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX
- › Full wire-speed forwarding rate
- › Supports Multi-types of fiber connectors and modes: Multi-mode SC, ST, VF-45, MT-RJ, and LC; Single-mode SC and ST; WDM Single-mode SC

Ordering Information

EN303C	10/100BASE-TX to 100BASE-FX Multi Mode (SC) Media Converter
EN303T	10/100BASE-TX to 100BASE-FX Multi Mode (ST) Media Converter
EN303C-20	10/100BASE-TX to 100BASE-FX Single Mode (SC) - 20Km Media Converter
EN303T-20	10/100BASE-TX to 100BASE-FX Single Mode (ST) - 20Km Media Converter
EN303C-40	10/100BASE-TX to 100BASE-FX Multi Mode (SC) - 40Km Media Converter
EN303CA-2	10/100BASE-TX to 100BASE-BX Multi Mode (SC) WDM -TX:1310nm/RX:1550nm - 2Km Media Converter
EN303CB-2	10/100BASE-TX to 100BASE-BX Multi Mode (SC) WDM -TX:1550nm/RX:1310nm - 2Km Media Converter
EN303CA-5	10/100BASE-TX to 100BASE-BX Multi Mode (SC) WDM -TX:1310nm/RX:1550nm - 5Km Media Converter
EN303CB-5	10/100BASE-TX to 100BASE-BX Single Mode (SC) WDM -TX:1550nm/RX:1310nm - 5Km Media Converter
EN303CA-20	10/100BASE-TX to 100BASE-FX Single Mode (SC) WDM -TX:1310nm/RX:1550nm - 20Km Media Converter
EN303CB-20	10/100BASE-TX to 100BASE-FX Single Mode (SC) WDM -TX:1550nm/RX:1310nm - 20Km Media Converter
EN303CA-40	10/100BASE-TX to 100BASE-FX Single Mode (SC) WDM -TX:1310nm/RX:1550nm - 40Km Media Converter
EN303CB-40	10/100BASE-TX to 100BASE-FX Single Mode (SC) WDM -TX:1550nm/RX:1310nm - 40Km Media Converter

Specifications

Technology	
Standards	<ul style="list-style-type: none"> • IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX/100BASE-FX, IEEE802.3x
Forward and Filtering Rate	<ul style="list-style-type: none"> • 14,880pps for 10Mbps • 148,810pps for 100Mbps
Packet Buffer Memory	<ul style="list-style-type: none"> • 49K bits

Power	
Input	<ul style="list-style-type: none"> • 1W Max.

Mechanical	
Dimensions	<ul style="list-style-type: none"> • 120mm (L) x 56mm (W) (4.72" (L) x 2.2" (W))
Weight	<ul style="list-style-type: none"> • 90g (0.2lb.)

Interface	
LED Indicators	<ul style="list-style-type: none"> • Per Unit: Link/Activity, Speed

Environment	
Operating Temperature	<ul style="list-style-type: none"> • 0°C to 45°C (32°F to 113°F)
Storage Temperature	<ul style="list-style-type: none"> • -10°C to 70°C (14°F to 158°F)
Ambient Relative Humidity	<ul style="list-style-type: none"> • 5% to 95% (non-condensing)

Regulatory Approvals	
ISO	<ul style="list-style-type: none"> • Manufactured in an ISO9001 facility
Emission Compliance	<ul style="list-style-type: none"> • CE Mark Class B • FCC Part 15 Class B • VCCI Class A

Diagrams

Unit: mm

