



[Zoom in Picture](#)

■ Features

- Can control 1 x RS232 devices located virtually anywhere (via Ethernet or Internet)
- Auto-detecting 10/100Mbps Ethernet interface
- Supports Windows 95/98/ME,NT/2000, Linux 2.x.x, Unix Ware 7 SVR5
- Support TCP/IP, UDP, Telnet, RTelnet, DHCP, ICMP
- RS232 interface

DE-311M Express Modul

Quick Link: | [Features](#) | [Overview](#) | [Applications](#) | [Hardware](#) | [Interface](#) | [Performance](#) | [Configuration](#) | [Power and Environment](#) | [Operating Systems supported](#) | [Ordering Information](#) |

■ Overview

NPort Express Modul is a boardlevel product that equipment manufactures can integrate into their products. NPort Express Modul uses the TCP/IP protocol to convert from an auto-detecting 10/100Mbps Ethernet interface to RS232 interface. It can convert the RS232 serial port on a traditional device into a 100 Mbps Ethernet port with TCP/IP. NPort Express Modul is an industrial-strength network-based serial device server platform for connecting one RS232 device like CNC, PLC, weighting scale, scanner and other devices directly to the 10/100Mbps Ethernet network running TCP/IP.

In addition to allowing serial devices to get networked, any host (PC Server or Workstation) without network access can also access remote serial device via adding NPort Server Express to the existing serial port. In other word, NPort Server Express can be configured over Ethernet and serve as a transparent serial channel without platform and distance limitation.

■ Applications

- SCADA system
- Building automation system
- Self-service banking system
- Other remote and distribute serial devices control
- Industrial / Factory / Laboratory automation
- Automatic warehouse control system
- Wafer fabrication system
- Retail system

■ Hardware

Processor	80186
I/O controller	16C550C or compatible
Memory	512K bytes
Connector type	PIN header array

[>Back to top](#)

■ Interface

LAN interface	Auto-detecting 10BaseT/100BaseT
Protocols	TCP/IP, UDP, Telnet, DHCP, ICMP, HTTP, SNMP V1/2c/3, DNS
Serial interface	RS232
No. of port	1
Signals	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND

[>Back to top](#)

■ Performance

Speed 50 - 230.4Kbps

Max. no. of ports 256 per Windows NT/2000/XP, 128 per Windows 95/98/ME

[>Back to top](#)

■ Configuration

Parity None, even, odd

Data bits 7, 8

Stop bits 1

IRQ Nil

I/O address Nil

Operation Modes Driver Mode, TCP Server/Client, UDP Server/Client, Pair connection, Ethernet Modem

[>Back to top](#)

■ Power and Environment

Operation Temp. 0°C - 55°C

Storage Temp. -20°C - 85°C

Power requirements 5V DC, 350mA (max)

Dimension 57 x 90 x 18mm WxDxH

[>Back to top](#)

■ Operating Systems supported

Operating systems XP, Windows 95/98/ME, NT/2000, Linux 2.x.x, Unix Ware 7 SVR5

[>Back to top](#)

■ Ordering Information

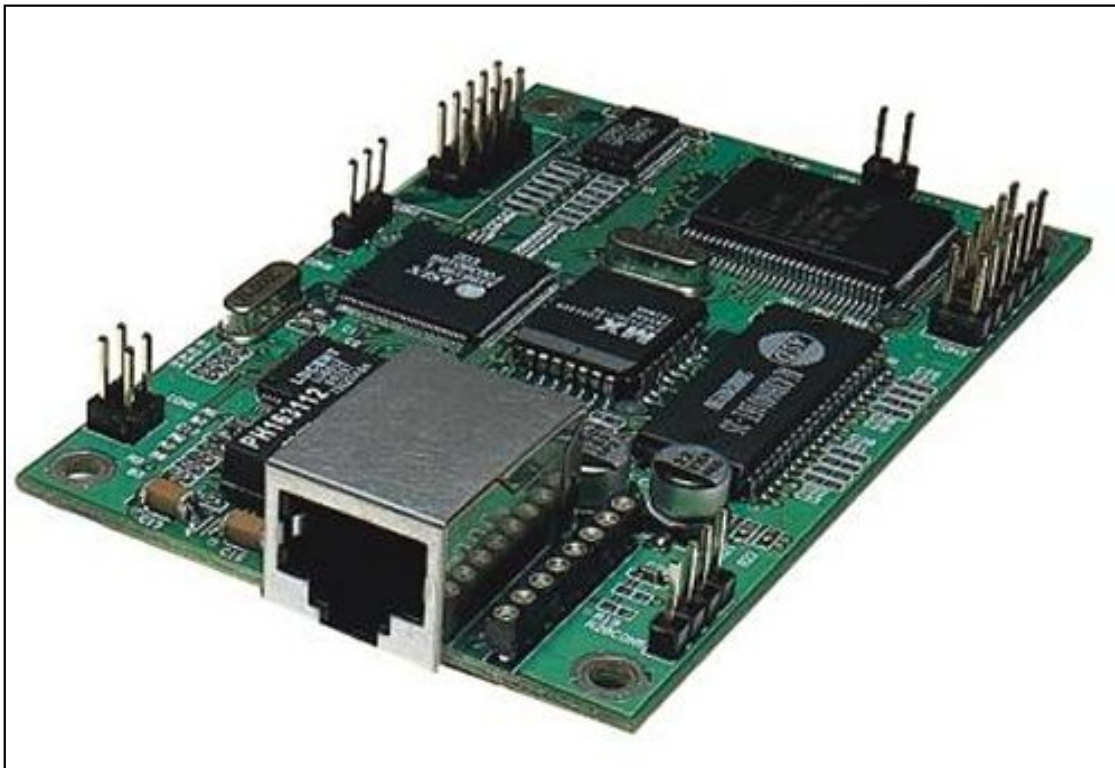
Art.No 798

Product Name DE-311M Express Modul

Packing list DE-311M Express Module
CD, English documentation

[>Back to top](#)

■ Full size product image



[>Back to top](#)