



Em104P-LAN100R

10/100 Mbps Realtek 8139 Ethernet Module

Chipset
Realtek RTL8139C

Protocol / Performance
10 Mbps and 100 Mbps, auto-negotiation
Supports Full Duplex Flow Control

Boot ROM support
up to 128KB Flash Memory Boot-ROM

Indicator LEDs
2 LED on RJ-45 connector - Activity/Link and 100 Mbps indicator additional 4-pin header for external LEDs

Connectors
RJ-45 interface connector
10-pin box-header for extension cable with RJ-45 connector with LED
3-pin wake up LAN control line

Power Saving and Wake-up LAN
Advanced power saving mode when LAN function or wakeup function is not used, supports Link Change, Microsoft "Wake-up Frame" and AMD "Magic Packet" for WOL function.

OS Support
Microsoft Windows NT4.0, Microsoft Windows* 95, 98, 2000, CE, Novel NetWare* 3.11, 3.12 & 4.1x, 5 Server, Packet driver for UNIX Client, UnixWare 7.0, Linux, SCO Unix, MAC, QNX, Free BSD, Macintosh Mac OS 8.x/9.x

Pressfit PC/104 Connectors
High quality pressfit connectors for ISA and PCI bus to guarantee optimal connection and fit

Power Requirement
0.52 W (105 mA @ +5 V) fully functional

Ordering

Em104P-LAN100R : PC/104-Plus Fast Ethernet Module with Realtek RTL8139C

Em104P-LAN100N

10/100 Mbps Intel 82559 Ethernet Module

Chipset
Intel 82559

Protocol / Performance
10 Mbps and 100 Mbps, auto-negotiation, Priority Packet (IEEE 802.1p) and Virtual LAN (VLAN) support (IEEE 802.1Q) Supports Full Duplex Flow Control (IEEE 802.3x)

Boot ROM support
up to 128KB Flash Memory Boot-ROM

Indicator LEDs
2 LED on RJ-45 connector, additional 4-pin header for external LEDs

Connectors
RJ-45 interface connector
10-pin box-header for extension cable with RJ-45 connector with LED
3-pin wake up LAN control line

Power Saving and Wake-up LAN
Advanced power saving mode when LAN function or wakeup function is not used, supports Link Change, Microsoft "Wake-up Frame" and AMD "Magic Packet" for WOL

OS Support
Microsoft Windows NT4.0, Microsoft Windows* 95, 98, 2000, CE, Novel NetWare* 3.11, 3.12 & 4.1x, 5 Server, Packet driver for UNIX Client, UnixWare 7.0, Linux, SCO Unix, MAC, QNX, Free BSD, Macintosh Mac OS 8.x/9.x

Pressfit PC/104 Connectors
High quality pressfit connectors for ISA and PCI bus to guarantee optimal connection and fit

Power Requirement
0.75 W (150 mA @ +5 V) fully functional

Ordering

Em104P-LAN100N : PC/104-Plus Fast Ethernet Module with Intel 82559

Em104P-LAN100NT

Triple port Intel 82559 Ethernet Module

Chipset
3x Intel 82559

Protocol / Performance
10 Mbps and 100 Mbps, auto-negotiation, Priority Packet (IEEE 802.1p) and Virtual LAN (VLAN) support (IEEE 802.1Q) Supports Full Duplex Flow Control (IEEE 802.3x)

Boot ROM support
up to 128KB Flash Memory Boot-ROM

Indicator LEDs
2 LED on RJ-45 connector, additional 4-pin header for external LEDs

Connectors
RJ-45 interface connector
10-pin box-header for extension cable with RJ-45 connector with LED
3-pin wake up LAN control line

Power Saving and Wake-up LAN
Advanced power saving mode when LAN function or wakeup function is not used, supports Link Change, Microsoft "Wake-up Frame" and AMD "Magic Packet" for WOL

OS Support
Microsoft Windows NT4.0, Microsoft Windows* 95, 98, 2000, CE, Novel NetWare* 3.11, 3.12 & 4.1x, 5 Server, Packet driver for UNIX Client, UnixWare 7.0, Linux, SCO Unix, MAC, QNX, Free BSD, Macintosh Mac OS 8.x/9.x

Pressfit PC/104 Connectors
High quality pressfit connectors for ISA and PCI bus to guarantee optimal connection and fit

Power Requirement
0.75 W (150 mA @ +5 V) fully functional

Ordering

Em104P-LAN100N : PC/104-Plus Triple Port Fast Ethernet Module with three Intel 82559