



D811A

Support 4 LAN Ports on Board

Chipset list :

- . LAN chipset : RTL8100C LAN chip 128pin PQFP
- . LAN chipset : RLT8110SB LAN chip 128pin PQFP
- . LAN chipset : Intel 82541GI / 82540EM 10/100/1000 Mbit LAN chipset

LAN (Default for Realtek 10/100Mb) :

- . Four Realtek RLT8100C 10T/100T PCI Ethernet LAN chipset on card
- . PC-104 Plus Interface Support PCI bus 32bit /33MHz, Four Lan ports solution
- . Supports Full Duplex Flow Control (IEEE 802.3x)
- . Four ports LAN Link LED pin header support
- . Four ports LAN 10/100T LED speed detect
- . Four ports LAN active LED

LAN (Option 2 for Realtek 10/100/1000Mb) :

- . Four Realtek RLT8110SB 10/100/1000T PCI Ethernet LAN chipset on card
- . PC-104 Plus Interface Support PCI bus 32bit /33MHz Four Lan ports solution
- . Supports Full Duplex Flow Control (IEEE 802.3x)
- . Supports IEEE 802.1P Layer 2 Priority Encoding
- . Supports IEEE 802.1Q VLAN tagging
- . Four ports LAN Link LED pin header support
- . Four ports LAN 10/100/1000T LED speed detect
- . Four ports LAN active LED

LAN (Option 3 for Intel 82541GI / 82540EM 10/100/1000Mb) :

- . Four Intel 82540GI 10/100/1000T PCI Ethernet LAN chipset on card
- . PC-104 Plus Interface Support PCI bus 32bit /33MHz Four Lan ports solution
- . Low-latency transmit and receive queues
- . IEEE 802.3x compliant flow control support
- . Caches up to 64 package descriptors in a single burst
- . Programmable host memory receive buffers(256Bytes to 16K bytes) and cache line size (16Bytes to 256 Bytes)
- . Default is 16KB of transmit FIFO space and 24KB of receive FIFO space
- . Integrated PHY for 10/100/1000 Mbps full and half duplex operation
- . IEEE 802.3ab Auto Negotiation support
- . IEEE 802.3ab PHY compliance and compatibility
- . Transmit and receive IP,TCP and UDP checksum offloadin capabilities
- . IEEE 802.1q VLAN support with VLAN tag insertion,stripping and packet filtering for up to 4096 VLAN tags
- . 16Kbyte jumbo frame support(9KB jumbo frame also supported)
- . Four ports LAN Link LED pin header support
- . Four ports LAN 10/100/1000T LED speed detect
- . Four ports LAN active LE

Driver :

- . MS Windows 2K / XP / XP Embedded , Linux 2.6