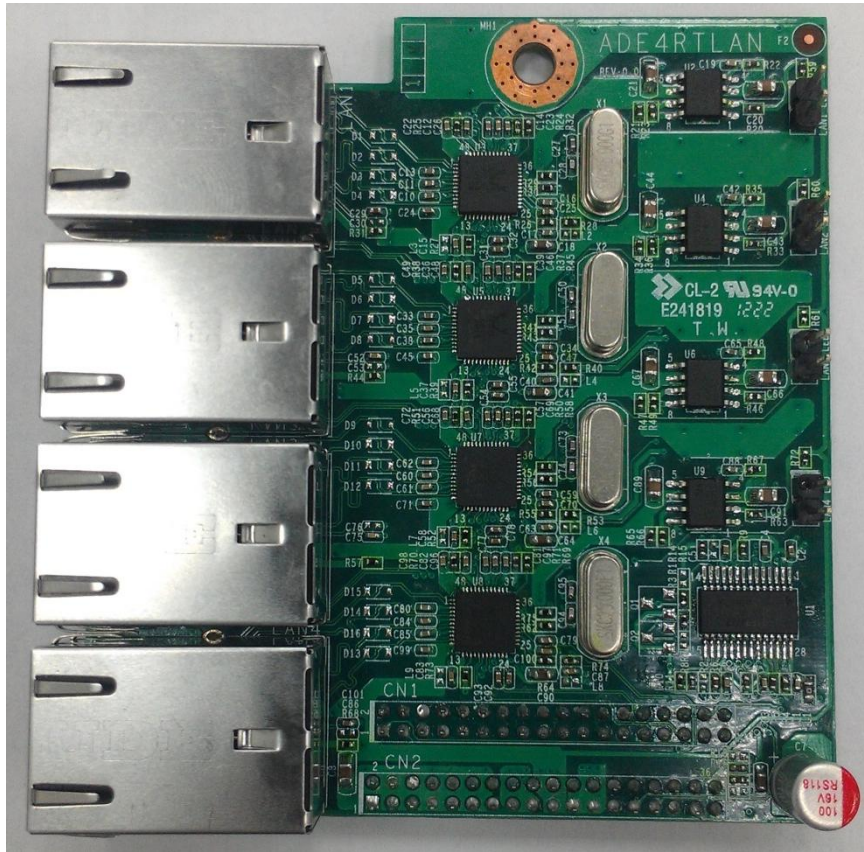


## ADE4RTLAN

Mini-ITX 4 LAN ports Adapter



Dimension : 75 × 82 mm

Chipset : Realtek RTL8111E-VL-CG PCI Express Gigabit Ethernet Controller

Features :

- Integrated 10/100/1000 transceiver
- Auto-Negotiation with Nxt Page capability
- Supports PCI Express 1.1
- Supports pair swap/polarity/skew correction
- Crossover Detection & Auto-Correction

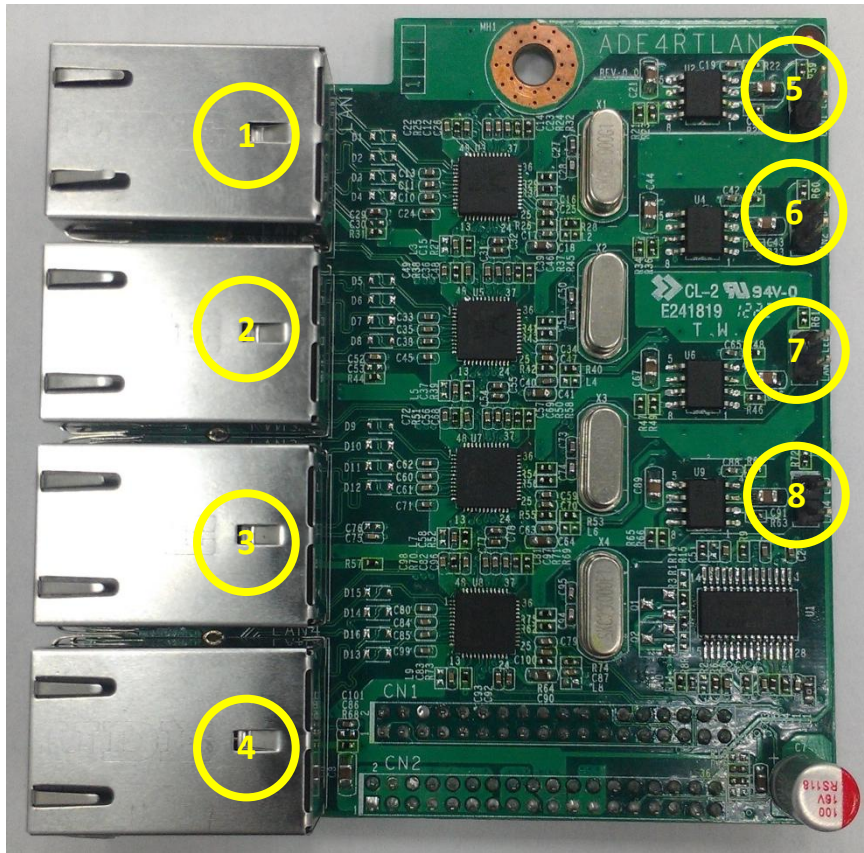
- Wake-on-LAN and remote wake-up support
- Microsoft NDIS5, NDIS6 Checksum Offload (IPv4, IPv6, TCP, UDP)

and Segmentation Task-offload (Large send v1 and Large send v2)

support

- Support Full Duplex flow control (IEEE 802.3x)
- Support jumbo frame to 9K bytes
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Support IEEE 802.1P Layer 2 Priority Encoding
- Support IEEE 802.1Q VLAN tagging
- Support IEEE 802.3az Draft 3.0 (EEE)
- Transmit/Receive on-chip buffer support
- Support power down/link down power saving
- Support PCI MSI (Message Signaled Interrupt) and MSI-X
- Support quad core Receive-Side Scaling (RSS)
- Support Protocol Offload (ARP & NS)

Connectors & Pin Definition :



1 ~ 4 : LANA ~ LAND, 4 RJ45 LAN connectors

5 ~ 8 : LANA\_LED ~ LAND\_LED

