

PR27R11

PCIe x1 to single 10G Ethernet network Card



• Feature

- Supports bus widths: Gen4 x1, Gen4 x4, x16
- Supports line rates up to 16.0 GT/s per lane
- Support 10G/5G/2.5G/1000M/100M/10M LAN speed
- 1.79W typical 10GBASE-T operating power per port: 100 meters of Cat 6A
- 1.37W typical 5GBASE-T operating power per port
- 1.21W typical 2.5GBASE-T operating power per port
- 0.92W typical 1GBASE-T operating power per port
- 0.54W typical 100BASE-T operating power per port
- 0.29W typical 10BASE-T operating power per port
- 1W typical 1GBASE-T operating power per port
- Supports ECMA-393 ProxZzzy Standard for sleeping hosts
- Supports LTR(Latency Tolerance Reporting)
- Support Wake-On-LAN and 'RealWoW'
- Supports Legacy PXE (minimal support) and EFI PXE
- Supports 32-set 128-byte Wake-Up Frame pattern exact matching

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- Supports Microsoft WPI(Wake Packet Indication)
- Compatible with IEEE 802.3,IEEE 802.3u,IEEE 802.3ab,IEEE802.3bz
- Supports Synchronous Ethernet and Precision Time Protocol (PTP) including IEEE 1588v1,IEEE 1588v2,IEEE 802.1AS
- Supports IEEE 802.1P Layer 2 Priority Encoding
- Supports IEEE 802.1Q VLAN tagging
- Supports IEEE 802.1ad Double VLAN
- Supports IEEE 802.3az (Energy Efficient Ethernet)
- Supports IEEE 802.3an (10GBase-T)
- Supports Full Duplex flow control (IEEE 802.3x)
- Jumbo frame support up to 16 KB
- Microsoft NDIS5,NDIS6 Checksum Offload (IPv4,IPv6,TCP,UDP) and Segmentation Task-offload (Large send v1 and Large send v2) Supports
- Supports quad core Receive -Side Scaling (RSS)
- Supports Protocol Offload (ARP & NS)
- Operation Temperature :0°C to +70°C;
- Storage Temperature: -55°C to +125°C

• Specification

Bus Type	PCI Express .
Bus Width	PCI Express Gen4 x1
Chipset ID	Realtek8127AT-CG
Number of Ports	1 Port
Transfer Rate	10Gbps
Dimensions	65.3x44.5mm
OS Compatibility	• Windows 11/10 • Linux kernel 2.4.x and 2.6.x or later

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• Accessories

- 1 x PCIe x1 to single 10G Ethernet network Card
- 1 x User Manual
- 1 x Low Profile Bracket

Note: Contents may vary depending on country/market