

PCI Express Interface Modules High-speed Gigabit Ethernet 4ch

Base Specifications

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|----------------------------|--|
| Model type | PEX-H450204 |
| Bus Requirements | PCI Express™ Base Specification Rev. 1.0a x4 |
| Number of slots | 1 slot |
| Memory Size | 128KB x 4 + 16KB x 4 |
| Data transfer method | DMA transfer |
| Dimensions | 165.00(D)x106.65(H) [mm] |
| Weight | 125g |
| Power consumption | +3.3 Vdc AUX (+/-5 %):0.6A (typ.) +3.3 Vdc (+/-0.3 V):1.5A (typ.), 3.6A (max.) |
| Environmental conditions | Operating temperature: 0 deg C to 50 deg C Relative humidity: 20% to 90% (non-condensing) |
| Connectors | CN1, CN2: RJ-45 8-pin modular jack |
| On-board connector | J0G-0001NL(Pulse Engineering, Inc.) or equivalent |
| Acceptable cable connector | RJ-45 or equivalent |
| MTBF | 404190 hrs. |

LAN Specifications

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|---------------------|---|
| Model type | PEX-H450204 |
| Number of channels | 4 channels |
| Cable standard | 10BASE-T: Category 3 (min.)/2 pairs UTP cable 100BASE-TX: Category 5 (min.)/2 pairs UTP cable 1000BASE-T: Enhanced 5 (min.)/4 pairs UTP cable |
| IEEE support | IEEE 802.3ab standard/IEEE 802.3u standard/IEEE 802.3 standard |
| Transfer method | 1000BASE-T / 100BASE-TX / 10BASE-T |
| Transfer rate | 1 Gbps / 100 Mbps / 10 Mbps Auto-negotiation |
| Transmission length | 100 m (max.) |
| Controller | 82574 (Intel) (teaming supported) |
| LEDs | Link mode LED, Data transfer mode LED |



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All product specifications are subject to change without prior notice.

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