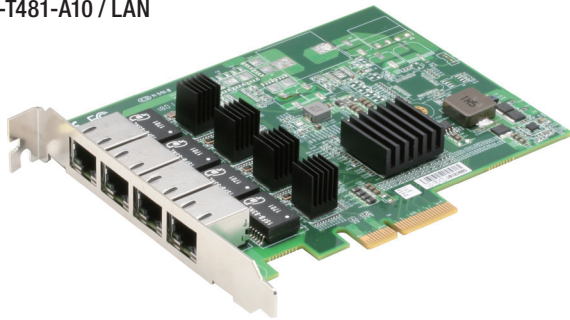
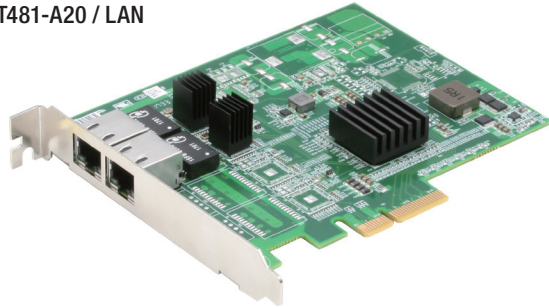


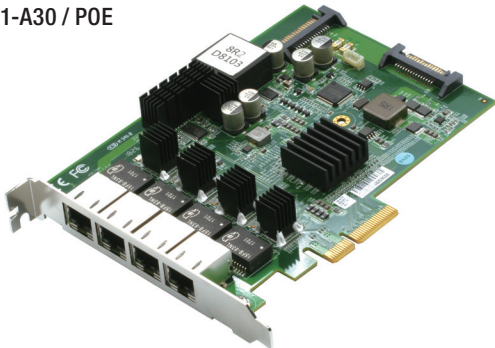
PER-T481-A10 / LAN



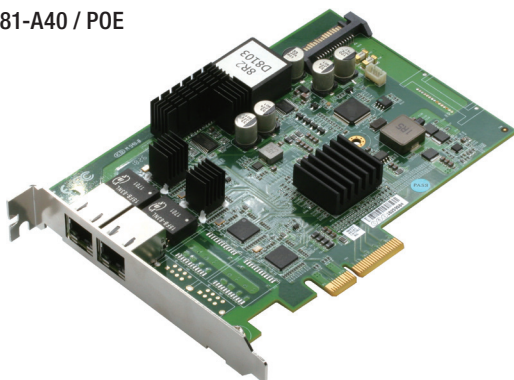
PER-T481-A20 / LAN



PER-T481-A30 / POE



PER-T481-A40 / POE



## Features

### LAN:

- PCI-Express® [x4] Gen. 2 Compliant
- Gigabit Ethernet Controller, Intel® i211AT
- Supports Bandwidth 1Gb/s for Each Port
- Supports for Link Aggregation/Jumbo Frames (9 KByte)

### POE:

- PCI-Express® [x4] Gen 2 Compliant
- Gigabit Ethernet Controller, Intel® i211AT
- Supports Bandwidth 1Gb/s for Each Port
- Supports for Link Aggregation/Jumbo Frames (9 KByte)
- Supports Smart POE (Linux not Supported)



## Specifications

| System                |   |
|-----------------------|---|
| Bus Interface         | PCI-Express® [x4], Gen 2<br>PCI-Express Specification Revision 2.0 at 5GT/s   |
| USB                   | —   |
| USB Connector         | —   |
| Ethernet              | LAN: Intel® i211AT Ethernet Controller x 4 (A10)<br>Intel® i211AT Ethernet Controller x 2 (A20)<br>Fully compliant with IEEE 802.3 and IEEE 802.3u<br>Support IEEE 1588 precision time synchronization<br>POE: Intel® i211AT Ethernet Controller x 4 (A30)<br>Intel® i211AT Ethernet Controller x 2 (A40)<br>Fully compliant with IEEE 802.3 and IEEE 802.3u<br>Support IEEE 1588 precision time synchronization<br>Support IEEE 802.3 at |
| OS Support            | LAN: Windows® 10(32/64-bit), Windows® 8.1 (32/64-bit), Windows® 7(32/64-bit), Linux<br>POE: Windows® 10(32/64-bit), Windows® 8.1 (32/64-bit), Windows® 7(32/64-bit) (Linux not Supported)   |
| Power Supply          |   |
| Power Requirement     | LAN: Max. 10W<br>POE: 4POE DUAL SATA Power (15 pin) DC Input 12~24V, Max. 90W for 4ports (A30)<br>2POE DUAL SATA Power (15 pin) DC Input 12~24V, Max. 60W for 2ports (A40)  |
| Mechanical            |   |
| Dimensions (W x D)    | LAN: 4.33" x 5.35" (110mm x 136mm)<br>POE: 4.41" x 5.91" (112mm x 150mm)  |
| Environmental         |   |
| Operating Temperature | LAN: -4°F ~ 140°F(-20°C ~ 60°C) (according to IEC68-2-14 with 0.5 m/s AirFlow; with industrial devices)<br>POE: -4°F ~ 131°F(-20°C ~ 55°C) (according to IEC68-2-14 with 0.5 m/s AirFlow; 90W loading) (A30)<br>-4°F ~ 131°F(-20°C ~ 55°C) (according to IEC68-2-14 with 0.5 m/s AirFlow; 60W loading) (A40)  |
| Storage Temperature   | -49°F ~ 185°F(-45°C ~ 80°C)   |
| Storage Humidity      | 5 ~ 95% @ 40°C, non-condensing  |

## Ordering Information

- PER-T481-A10-00  
4-Port Intel GbE LAN PCI-E x4 Lane Frame Grabber Card
- PER-T481-A20-00  
2-Port Intel GbE LAN PCI-E x4 Lane Frame Grabber Card
- PER-T481-A30-00  
4-Port Intel POE PCI-E [x4] Frame Grabber Card
- PER-T481-A40-00  
2-Port Intel POE PCI-E [x4] Frame Grabber Card

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