

PuIM-10G4T-AQC107

Aquantia AQC107 based Network Interface Card with 4 x 10GBASE-T by 4 PCIe 3.0 x2 Interface



Features

- 4 x Aquantia AQC107
- 4 x 10GBASE-T connectors
- 4 PCIe 3.0 x2
- RoHS compliant

Specifications

| | |
|------------------------|-----------------------------------------------------|
| Model Name | PuIM-10G4T-AQC107 |
| Form Factor | IEI Networking Module - PuIM |
| NIC | Aquantia AQC107 |
| LAN Bypass | N/A |
| LAN Interface | 10GBASE-T (RJ-45) |
| Speed | 10GBASE-T/5GBASE-T/2.5GBASE-T/1000BASE-T/100BASE-TX |
| Ports | 4 |
| Host Interface | 4 PCIe 3.0 x2 |
| Storage Temp. | -20°C ~ 75°C (-4°F ~ 167°F) |
| Operating Temp. | 0°C ~ 40°C (32°F ~ 104°F) |
| Humidity | 5% ~ 90% RH, Non-condensing |
| Dimensions (mm) | 165.50 (L) x 77.8 (W) x 44.2 (H) |
| Compliance | RoHS |

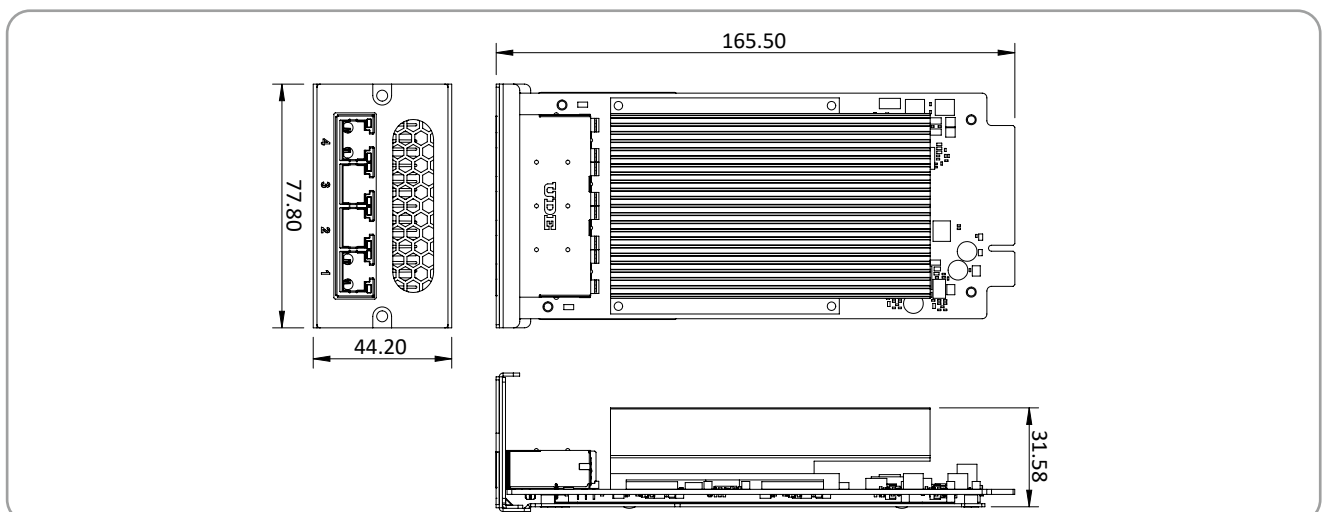
Packing List

| | |
|------------------------------|------------------------------|
| 1 x PuIM-10G4T-AQC107 module | 1 x L-shaped T10 Plum Wrench |
| 2 x Torx Screws | 1 x QIG |

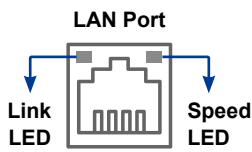
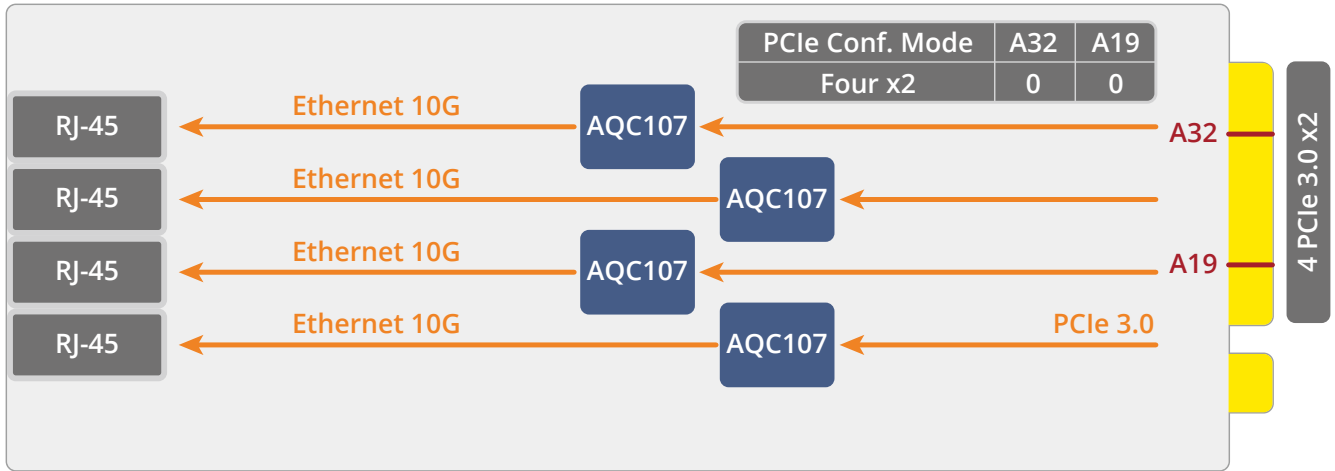
Ordering Information

| Part No. | Description |
|------------------------------|--------------------------------------------------------------------------------------------------|
| PuIM-10G4T-AQC107-R10 | Aquantia AQC107 based Network Interface Card with 4 x 10GBASE-T by 4 PCIe 3.0 x2 Interface, RoHS |

Dimensions (Unit: mm)



▶ Block Diagram



| LED | State | Description |
|---------------|--------|-----------------------------------|
| Link (Left) | Yellow | Active |
| Speed (Right) | Green | 10 Gbps data rate |
| | Orange | 5 Gbps/1 Gbps/ 100 Mbps data rate |

▶ Hardware Installation

Install the PuIM-10G4T-AQC107 networking module into the slot of the PUZZLE series. The Slot A supports 8 lanes from CPU (1 PCIe x8 or 2 PCIe x4); the Slot B supports 8 lanes from PCH (2 PCIe x4 or 4 PCIe x2).

When the PuIM-10G4T-AQC107 is installed into the Slot A, only two LAN ports (port 1 & port 3) are active.

