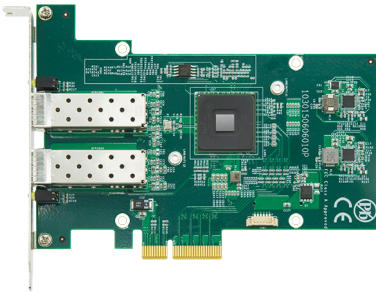


SFP-7102

2-Channel 10G LANs Card



Features

- Intel® X710-BM2 Dual Port 10Gigabit Ethernet controller supports up to 10Gbps data rate
- PCIe Gen. 3 x4 Host Interface
- Jumbo Frame up to 9728 bytes
- 10Gbps IEEE 802.3ae 10GBASE-LR/SR and Direct Attach Copper (DAC) compliant
- Support IEEE 802.1Q VLAN Tagging & IEEE 802.1ax Link Aggregation
- Support Intel® Virtualization Technology for Connectivity
- Support up to SFP+ Power Supply Level III Module

Specifications

| | |
|--|---|
| Controller | Intel® Ethernet Controller X710-BM2 |
| Data Rate per Port | Up to 10Gbps bandwidth per port |
| Jumbo Frame | Up to 9728 byte |
| BUS Type | PCIe Gen-3 x4 Golden Finger |
| LAN | 2 x 10G BASE SFP+ Fiber Connector |
| Network Standard Physical Layer Interfaces | 10GBASE-SR & -LR optical transceivers 10GbE SFP+ DAC |

Environmental

| | |
|--------------------|-------------------------------|
| Operating Temp. | -25 ~ 55 °C (-13 ~ 131°F) |
| Storage Temp. | -40 ~ 70°C (-40 ~ 158°F) |
| Operating Humidity | 5-95% @ 55°C (non-condensing) |
| Conformity | CE, FCC Class A, RoHS |

Power Consumption

| | |
|-------------------|------------|
| Dual-port 10GBASE | Max. 10.5W |
|-------------------|------------|

Mechanical

| | |
|------------------------|---|
| Dimensions (W x D x H) | 105.65 x 145.85 x 10.6 mm (4.16" x 5.74" x 0.42") |
|------------------------|---|

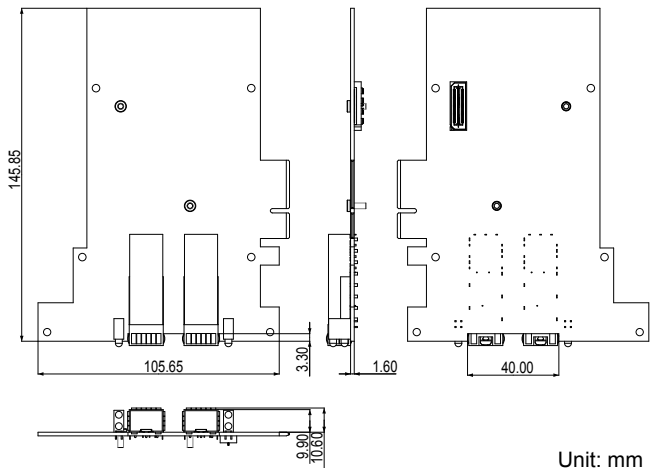
OS Support

Windows 10 IoT, Windows Server® 2008 R2, 2012, 2012 R2, 2016
Linux RHEL 6.x/7.x, SUSE 11.x/12.x, Ubuntu 14.x/16.x
FreeBSD 10.x/11.x

Ordering Information

| | |
|------------|---|
| SFP-7102 | 2 channel 10G LANs board w/ Intel X710-BM2 |
| SFP+-10G-C | 10GBASE-T,30m,BIDI SFP+ COPPER TRANSCEIVER |
| SFP+-10G-F | 10GBASE-SR/SW,MM,850nm,VCSEL,SFP+ FIBER TRANSCEIVER |

Dimensions



Unit: mm