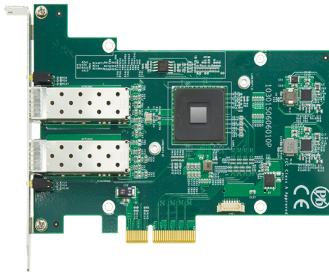




SFP-7102

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
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Mechanical

Dimensions (W x D x H)	105.65 x 145.85 x 10.6 mm (4.16" x 5.74" x 0.42")
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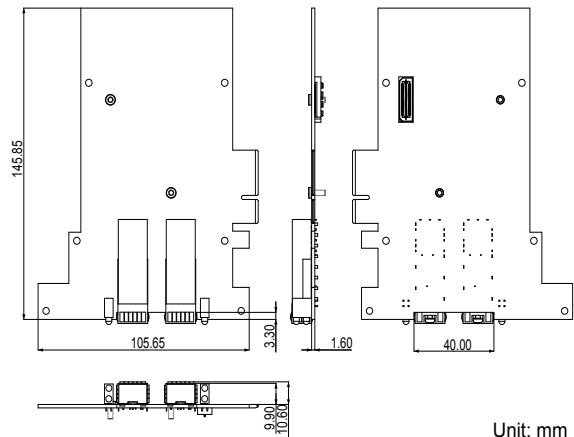
OS Support

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

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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