PERFECTRON

SK502

Dual Port Fiber 10GbE Ethernet PCI-E/104 Module 10 SFP +

Extended Temperature +85°C -40°C

CPU Full Speed HIGH

Dual 10GbE LAN Card

- Intel® X710-BM2 Controller
- 2 10GbE/1GbE SFP+ ports
- PCIe Gen.3 x4 host interface
- Rugged Stackable PCIe/104 form factors
- Supports 10GBASE-SR / 10GBASE-LR 10GBASE-DAC / 10GBASE –GBIC module
- Supports SR-IOV based virtualization

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Specifications

Ethernet

Chipset	Intel® X710-BM2 2 Dual 10 Gigabit Ethernet Controller
Disable LAN through BIOS	Yes
Boot from LAN	Yes for PXE
Memory	32Mb serial flash for firmware and configuration
Power	PCIe/104 bus

Internal I/O

StackPC	PCIe/104 (Type-2) x 4 Bus
FPE	N/A (Option)
LAN	2 x SPF+ pluggable interface Ports
LED (Link/Act)	2
LED Indicators	LINK(Solid) and Activity (Blanking), LED color (Green : 10Gbps), (Yellow: 1Gbps)
LAN signal	Up to 10 Gb/s 1Gb/s Data Throughput

Mechanical and Environmental

Form Factor	StackPC- PCIe/104

Dimension

Operating Temperature	0°C ~ +55°C
Storage Temperature	-40°C ~ 85°C
Relative humidity	10% to 90%, non-condensing

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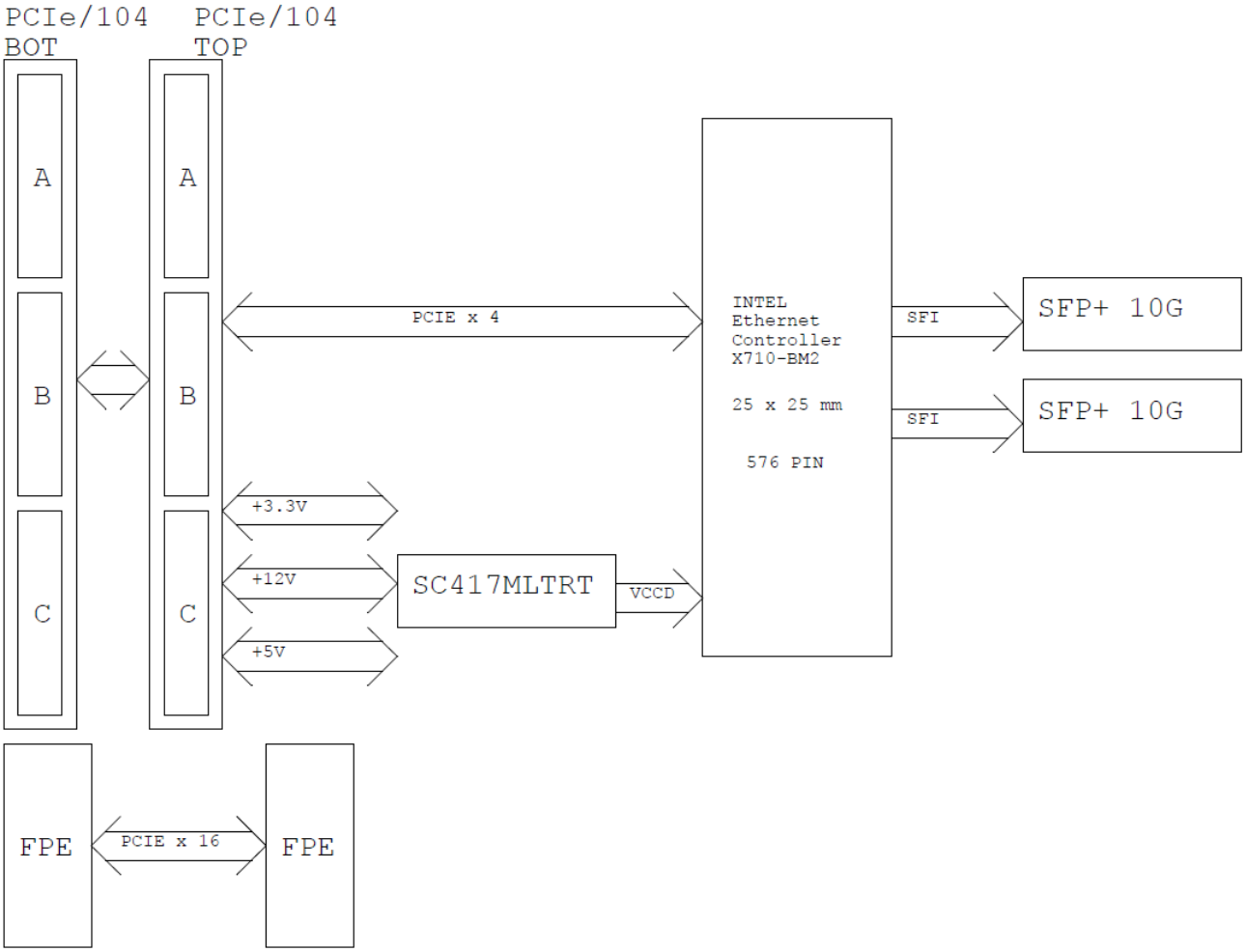
Description of Key Features

PCIe/104 Dual 10GbE board is a dual-port 10 Gigabit Ethernet controller for PCIe/104 platforms. Powered by Intel's X710 Ethernet Controller, the PCIe/104 Dual 10GbE provides support for network and server virtualization as well as LAN and SAN flexibility while maintaining reliable performance. This product is ideal for adding high speed 10GbE connectivity to embedded systems.

Block Diagram



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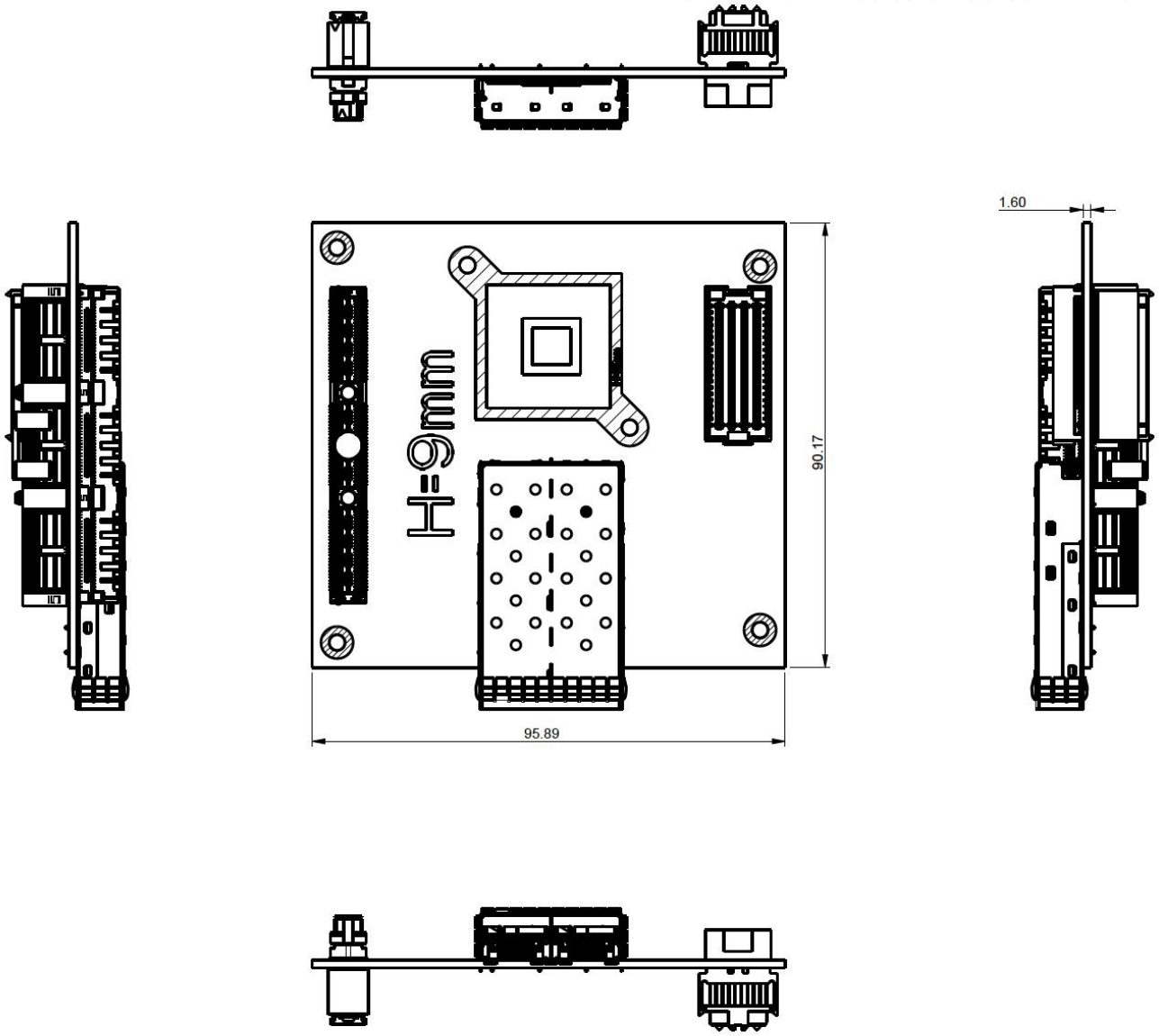
Dimension



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