

VIOD-10G2-SFP-01

Dual Port 10GbE Module with SFP+ for aROK 5510



Main Features

- Dual port SFP+, 10/1GbE
- Compliant with SFP+ connections 10GBASE-SR, 10GBASE-LR and SFP+ Direct Attach Copper (DAC) physical media
- CE/FCC/EN50155 class OT4 conformity

Product Overview

VIOD-10G2-SFP-01 is a dual port SFP+ 10GbE module for aROK 5510. It is compliant with SFP+ connections 10GBASE-SR, 10GBASE-LR and SFP+ Direct Attach Copper (DAC) physical media. With built-in Intel® X710-BM2 controller, it supports up to 2 independent 10GbE ports satisfying high bandwidth, high-speed transmission and low latency video-on-demand with media server, 10GbE cameras with high resolution for machine vision applications. To run at harsh environment is more and more important, it is compliant with military MIL-STD to sustain the vibration and shock and the operating temperature can reach up to EN 50155, class OT4 (-40 ~ 70°C).

Specifications

Ethernet

- Dual port SFP+, 10/1GbE
- Controller: Intel® X710-BM2
- Fiber optic media: 10G SFP+ DAC, 10G SFP+ AOC
- Fiber type: 10GBASE-SR, 10GBASE-LR, SFP+ Copper
- Standards compliant
 - IEEE 802.1as
 - IEEE 802.3az
 - IEEE 802.1Q
 - IEEE 802.1p

Environment & Regulation

- Operating temperatures:
EN 50155, class OT4 (-40~70°C), 85°C for 10 minutes with air flow
- Storage temperatures: -40°C~80°C
- Relative humidity: 90% (non-condensing)
- CE, FCC Class A, EN50155 (pre-installed on aROK 5510)

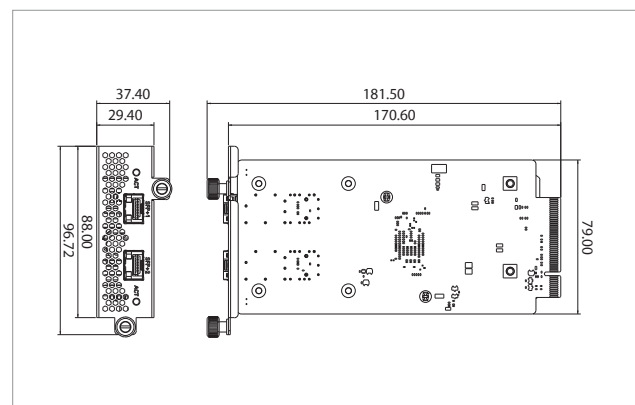
Mechanics

- Anti-vibration
 - IEC 60068-2-64.2.5G (5~500Hz)
 - Operating: MIL-STD-810G, 514.6C Procedure 3, Category 4
 - Storage: MIL-STD-810G, 514.6E Procedure 1, Category 24
- Anti-shock
 - MIL-STD-810G, 516.6 Procedure I, trucks and semi-trailers=40g
 - Crash hazard: Procedure V, ground equipment=75g
- Dimension: 96.7mm x 181.5mm x 37.4mm (W x D x H)
- Net weight: 245g

Ordering Information

- ♦ **VIOD-10G2-SFP-01 (P/N: 88A20551003X0)**
Dual port SFP+ module, 10/1GbE

Dimension Drawing



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