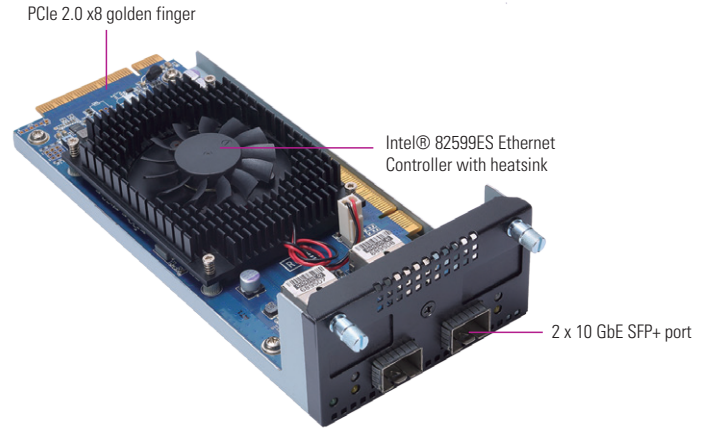# AX93307

Dual-port 10 GbE SFP+ LAN Module with Intel® 82599ES Ethernet Controller

Features

- Intel® Virtualization Technology for Connectivity (VT-c)
- MACsec IEEE 802.1 AE
- PCIe 2.0 x8 golden finger
- Intel® Data Direct I/O Technology
- Storage Protocol iSCSI, FCoE, NFS
- Compatible with Axiomtek SMB series

PCIe 2.0 x8 golden finger

Intel® 82599ES Ethernet Controller with heatsink

2 x 10 GbE SFP+ port

Overview

AX93307 is built with 10 Gbe Ethernet fiber connectors, Intel® 82599ES and Ethernet LAN controller. In addition to managing MAC and PHY Ethernet layer functions, the controller manages PCI Express packet trafc across its transaction, link and physical/logical layers. It could be adopted to Axiomtek 1U/2U rack mount network appliance.

Ordering Information

Standard	
AX93307 10G 82599ES w/Tray (P/N: E393307100)	Dual-port 10 GbE SFP+ module with Intel® 82599ES
AX93307 10G 82599ES w/o LAN Tray (P/N: E393307102)	Dual-port 10 GbE SFP+ module with Intel® 82599ES w/o tray

Specifications

Basic	
Controller	Intel® 82599ES
Speed/Connector	2 x 10 GbE SFP+
Interface	PCIe 2.0 x8 golden finger

Features	
LAN Bypass	Optional (refer to ordering information)
Jumbo Frames	Yes
Intel® VT-c	VMDq, SR-IOV
Acceleration	N/A
LED Definition	Green: 10 GbE, Amber: 1 GbE
Available Models	NA362R, NA580, NA590, NA720, NA860, NA861

Mechanical/Environmental	
Cooling	Locking heatsink with fan
Operation Temp	0°C to +60°C (+32°F to +140°F)
Humidity	10% ~ 90% RH, non-condensing
Dimensions	78.9 mm x 183.8 mm x 42.8 mm

*Note: The vent hole size will be changed to under 3mm to meet IEC 62368-1 criteria.

Dimensions

184.49

42.80

78.90