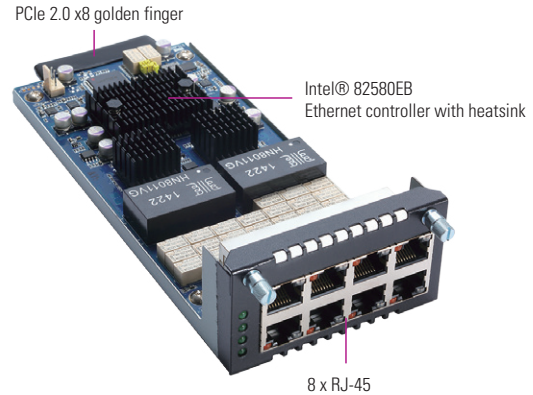


AX93316

Eight Ports LAN Module with Intel® 82580EB GbE Ethernet Controller

Features

- Intel® 82580EB Ethernet controller
- Eight GbE RJ-45 ports
- PCIe 2.0 x8 golden finger
- Four pairs LAN Bypass (optional)
- Support DPDK acceleration
- RoHS compliant



Overview

Axiomtek's AX93316 LAN module is built with an Intel® 82580EB GbE Ethernet controller to optimize data traffic processing, employing advanced techniques including the Intel® DPDK, I/OAT, Jumbo Frames and VMDq, not only enabling network appliances to speed up their data traffic but also enhancing their packet processing capabilities for higher throughput of data.

Ordering Information

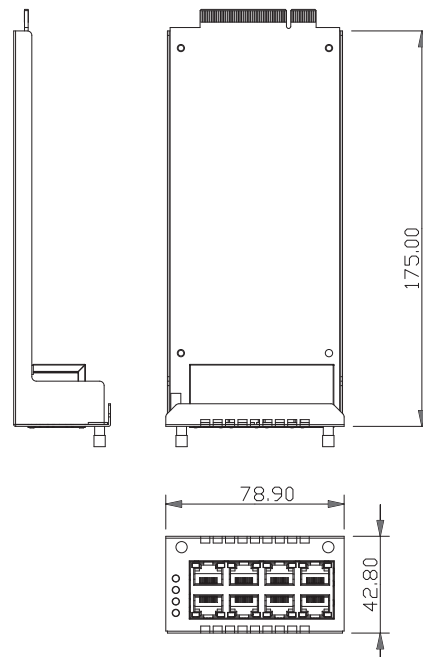
Standard

AX93316-8GI-82580EB with LAN Tray (P/N: E393316100)	LAN module with Intel® 82580EB controller, 8 ports in copper
AX93316-8GIL-82580EB 4 LBP with LAN Tray (P/N: E393316101)	LAN module with Intel® 82580EB controller, 8 ports in copper with 4 pairs LAN bypass

Specifications

Basic	
Controller	Intel® 82580EB
Speed/Connector	8 x 1 GbE RJ-45
Interface	PCIe 2.0 x8
Features	
LAN Bypass	Optional (refer to ordering Information)
Jumbo Frames	Yes (9.5KB)
Intel® VT-c	I/OAT, VMDq (Intel® 82580EB)
Acceleration	DPDK
Watchdog Timer	Yes
LED Definition	Amber: 1 GbE, Green: 100 Mbps
Available Models	NA361R, NA362R, NA552, NA570, NA580, NA590, NA720, NA850, NA860, NA861
Mechanical/Environmental	
Cooling	Locking heatsink
Operation Temp	0°C ~ +40°C (+32°F ~ +104°F)
Humidity	10% ~ 90% RH, non-condensing
Dimensions	78.9 mm (3.11") x 175 mm (6.89") x 42.8 mm (1.69")

Dimensions



Mouser Electronics

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Axiomtek:

[AX93316-8GI-82580EB w/o LAN Tray\(PH\)](#) [AX93316-8GI-82580EB with LAN Tray](#) [AX93316-8GIL-82580EB 4 LBP w/o LAN Tray](#) [AX93316-8GIL-82580EB 4 LBP with LAN Tray](#)