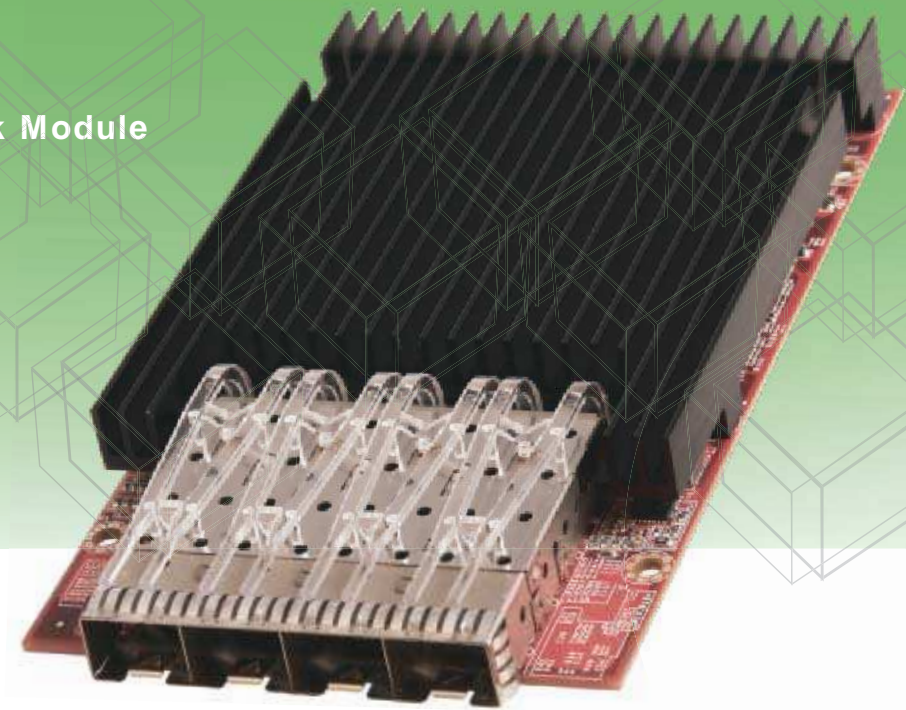


NIP-53040

The Quad Port Fiber 10GbE Network Module
with Intel® 82599ES LAN Controller



Solutions

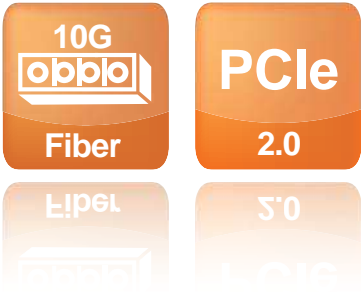
The **NIP-53040** is built with the 10 Gigabit Ethernet fiber connectors and the Intel® 82599ES Ethernet LAN controller with two fully integrated Gigabit Ethernet Media Access Control (MAC) and SFI ports. In addition to managing MAC and PHY Ethernet layer functions, the controller manages PCI Express packet traffic across its transaction, link and physical/logical layers. Using hardware acceleration, the controller offloads tasks from the host, such as TCP/UDP/IP checksum calculations and TCP segmentation. These features combined make CASwell’s **NIP-53040** a practical network module with great value and high performance.

The **NIP-53040** quad-port 10GbE fiber network module is compatible with all CASwell’s 1U and 2U network appliances. Utilizing a special hardware design, the **NIP-53040** can be installed very easily into CASwell’s appliances.

For more information about the **NIP-53040**, please visit **CASwell** website: www.cas-well.com or contact us by phone: **+886-2-7705-8888**.

Key Features

- 10 Gbit/s Highly Performance, Cost Effective and Low Power Consumption.
- IPV4 and IPV6 Support for IP/TCP and IP/UDP Receive Checksum offload.
- Compatible with All CASwell Network Appliance.



Hardware specification

Interface	PCIe V3.0 (8.0GT/s) x8
Dimension (W x D x H)	80 mm x 150 mm x 15 mm
LAN Controller	Intel® 82599ES
Operating Temp	0~45 °C
Operating Humidity	0~90% RH
Ethernet Ports	4x 10GbE Fiber Ports
Launch Date	Nov. 2012

Ordering Guide

Model	Part Number	Description
NIP-53040	AI3-3348	(R).NIP-53040. Proprietary NIC. 82599ES. PCI-E x8 Gen3. 4x 10G SFP w/o Bypass