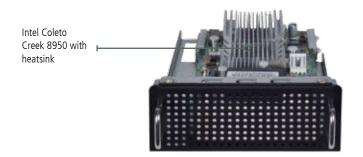
NCS2-ICE03A

VPN Acceleration NIC Module with Intel® Coleto Creek 8950



Features

Crypto/Decrypto Acceleration

Lanner VPN Accelerator Cards provide high-performance, tunneling and encryption services suitable for site-to-site and remote access applications. This hardware-based VPN acceleration For example, customer of FWis optimized to handle the repetitive but voluminous mathematical functions required for IPsec. Offloading encryption functions to the card not only improves IPsec encryption processing, but also maintains high-end firewall performance.

As an integral component of many high-end VPN and UTM ap- workloads in cryptography and pliances, Lanner VPN cards can be compression. integrated onto the motherboard.

PCI Express™ x8 Gen.3

NCS2-ICE03A is with PCI Express x8 golden finger, it can be insert into PCI-E x8 Gen.3 expansion slot (throughput up to 8 Gb/s) of Lanner network appliances. Series can purchase this hardware acceleration card to speed up the VPN crypto/decrypo capability.

Intel[®] QuickAssist Technology Intel Coleto Creek chipset comes with QuickAssist™ technology, it processes and accelerates packet

Intel® Communication Chipset 8950 Series

The Intel Communication Chipset 8950 Series includes Intel Quick-Assist Technology for improved cryptographic and compression peformance. This chipset series provides hardware offload assistance up to 50 Gbps for virtual private networks (VPNs) and helps storage and network optimization applications better handle compression and decompression tasks.

Dimensions 195 x 75 mm (7.67"x2.95")



Preliminary Specifications

Model Name		NCM/NCS2-ICE03A
Chipset		Intel Coleto Creek 8950, PCIE x8
Interface		1x PCI-E x8 Golden Finger
Temperature	Operating	0 ~ 40°C
	Storage	-10~70°C
Cooling		Locking mechanism type heatsink
Humidity		5%~95% RH, Non-condensing
Physical Dimemsions		PCB: 195 mm x 75 mm

Ordering Information

NCM-ICE03A	Wide-type VPN Acceleration NIC Module with Intel Coleto Creek 8950	
NCS2-ICE03A	Slim-type VPN Acceleration NIC Module with Intel Coleto Creek 8950	

