Data Encryption Just Got Faster and More Efficient

NEXCOM's latest series of acceleration cards reduce time and resources ordinarily required for data encryption.

FREMONT, CA, USA, August 4, 2020 /EINPresswire.com/ -- NEXCOM introduces NA 1000-L2X, a series of acceleration cards featuring and embedded with two Intel® QAT engines, based on Intel® C626 chipset. Connected to NEXCOM network appliances' CPUs through the PCIe x8 interface, the acceleration cards reduce time and resources ordinarily required for data encryption.

NEXCOM's NA-1000-L2X utilizes Intel® QAT, which includes symmetric encryption and authentication, asymmetric encryption, digital signatures, RSA, DH, and ECC, and lossless data compression capabilities. The QAT card offloads CPU usage at exceptional speeds, achieving a throughput of 40 GBps while running NSA 5181, NEXCOM's mainstream cyber security appliance.

Rocket Boost Your Data Encryption with Intel® QAT Card

"We've seen an increasing demand for data encryption and decryption due to Internet cyber security concerns," says Matthew Liu, NEXCOM Director of Product Management for Network & Communication Solutions. "The introduction of the NA-1000-L2X series boosts NEXCOM's portfolio, offering customers an option to dedicate crypto functionality to this expansion card and thus offload heavy CPU loads without sacrificing Ethernet throughput performance."

NEXCOM is dedicated to developing the most technically advanced network security appliances, especially for 5G networks. A white paper further detailing NA 1000-L2X's performance, as well

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Matthew Liu, NEXCOM Director of Product Management, NCS

as its features and mechanisms, is available by clicking [HERE](#).

About NEXCOM: Founded in 1992, NEXCOM integrates diverse capabilities and operates six global businesses, including Network and Communication Solutions (NCS), which focuses on high performance computing and network technology and is committed to helping customers build network infrastructure. NCS's network application platform is widely adopted in CDN, Cyber Security Appliance, Load Balancer, uCPE, Router, SD-WAN, Edge Computing, Storage, NVR, and other network applications.

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