

**NEXCOM**



**SMART  
FAST  
SECURE**

**Network & Communication  
Solutions**

[www.nexcom.com](http://www.nexcom.com)



## Edge AI and 5G

Leveraging the power of AI at the Edge, NEXCOM's solutions empower organizations to process data closer to its source for latency sensitive applications.

The portfolio includes desktop 5G uCPE and Edge servers with AI extensions, offering flexible options based on CPU cores, power consumption, port counts, and wireless connectivity.

## Cloud and Core

NEXCOM's mainstream and high-performance appliances are designed to handle heavy workloads and big data, supporting virtualization for VNF and software-defined applications.

The 1U and 2U rackmount lineup features multi-core processors for exceptional performance, flexible LAN module options, and 5G high availability.

### Edge AI



Edge Server



uCPE



OT Security

### RU

#### Radio Unit



### Aggregation Router

#### DU

#### CU

#### Cloud and Core

Cloud Service Providers

SASE



5G Security

## OT Security

NEXCOM's OT security solutions combine wide-temperature, rugged designs with mission-oriented platforms to enable zero-trust networks at the industrial edge.

The lineup includes gateways of different sizes, dual 5G/Wi-Fi routers, and high-density TSN switch, delivering reliable performance in harsh industrial network environments.

## Cyber Security

NEXCOM delivers a comprehensive lineup of cybersecurity appliances to protect SMB to enterprise networks. Select models feature PQC, NEXBOOT dual-layer failover, NEXLOCK

firmware-level I/O security, TPM, and OpenBMC, with AI expansion for advanced threat detection. Rackmounts adopt Ethernet bypass LAN modules for 5G network protection.

## About NEXCOM Network and Communication Solutions

Founded in 1992, NEXCOM integrates its capabilities and operates six global businesses, including the Network and Communication Solutions (NCS) unit. NCS focuses on the latest network technology and helps to build reliable network infrastructure, by delivering professional design and manufacturing services for customers all over the world.

Diverse range of network appliances delivers scalable performance, empowering businesses of all sizes to build resilient, high-performance networks. NCS provides software-defined platforms for cybersecurity, OT security, 5G uCPE, edge AI, SD-WAN, SASE, load balancing, storage, NVR, and other network applications.

### Expansion Cards



#### NSK 6404-NVME

Storage Adapter with 4 x M.2 Key M slots for NVMe

- Interface: PCIe 5.0 x16
- Up to 4TB per one NVMe SSD



#### NSK 1000-OCP-EX

OCP 3.0 High-Speed Ethernet NIC Adapter

- Interface: PCIe 5.0 x16
- Supports 200/400/800GbE OCP 3.0 NIC

### LAN Modules



#### NL Series

200GbE LAN Modules with 1 x QSFP56 Fiber Port

- Controller: Intel®/NVIDIA®
- Interface: PCIe 5.0 x8/PCIe 4.0 x16



#### NV/NX Series

25/10GbE LAN Modules with up to 4 fiber/copper ports

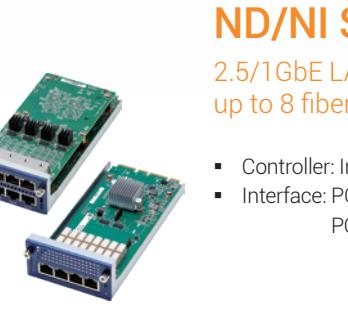
- Controller: Intel® E810/XL710/E610
- Interface: 2 x PCIe 4.0 x4/PCIe 4.0 x16/PCIe 3.0 x8



#### NC Series

100GbE LAN Modules with 2 x QSFP28 Fiber Ports

- Controller: Intel®/NVIDIA®
- Interface: PCIe 4.0 x16



#### ND/NI Series

2.5/1GbE LAN Modules with up to 8 fiber/copper ports

- Controller: Intel® I226/I350
- Interface: PCIe 2.0 x8/2 x PCIe 2.0 x4/PCIe 2.0 x4

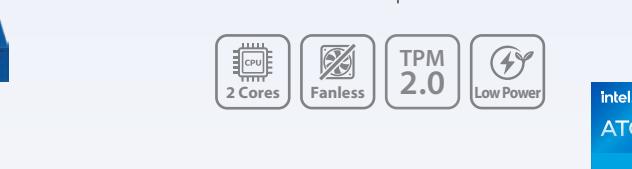
NEXCOM's rackmount network appliances adopt a variety of LAN modules, of different form factors, port types, port counts, speeds, and choice with or without bypass.

### Cyber Security

## Cyber Security

### DNA 141

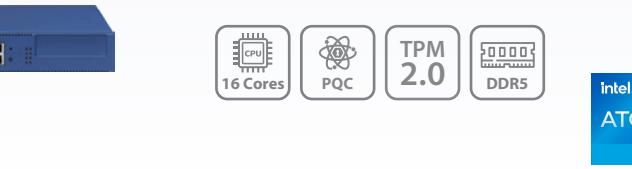
- Intel Atom® x7203C processor, BGA type
- 1 x DDR4 3200 SO-DIMM, up to 32GB
- eMMC 32GB onboard
- 4 x 2.5GbE RJ45 ports



### NSA 1180

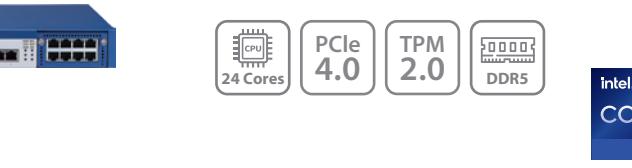
Developing

- Intel Atom® P6900 SoC processor, 16 cores
- 2 x DDR5 5600 UDIMM, up to 64GB
- 4 x 25GbE & 4 x 10GbE SFP+ ports
- 8 x 2.5GbE RJ45 ports



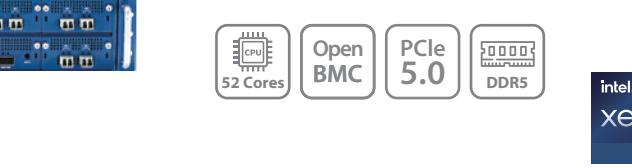
### NSA 3200

- 14th Gen Intel® Core™ processor
- 2 x DDR5 5600/4800 UDIMM, up to 64GB
- 8 x 2.5GbE RJ45 & 4 x 10GbE SFP+ ports
- 1 x PCIe 4.0 x16 LAN module slot



### NSA 7160R

- Dual 5th/4th Gen Intel® Xeon® scalable processor
- 16 x DDR5 4800/5600 ECC RDIMM
- 8 x PCIe 5.0 LAN module slots
- 1 x PCIe 4.0 x16 slot with CXL1.1 for FHFL card



## Cloud & Core

### NSA 6310

- NXP® LX2160A/LX2120A/LX2080A processor
- 4 x DDR4 ECC-UDIMM, up to 64GB
- 1 x 10GbE SFP+ port
- 2 x SerDes LAN module slots



### NSA 5200

- 14th Gen Intel® Core™ processor
- 2/4 x DDR5 4400/3600 UDIMM, up to 128GB
- 1 x M.2 Key M 2280 NVMe SSD slot
- 4 x LAN module slots



### FTA 5190

- Intel® Xeon® 6 SoC processor
- 2 x DDR5 6400 ECC RDIMM/UDIMM slots, up to 128GB
- 1 x 10GbE SFP+ port
- 12 x RJ45 ports (with optional PoE+ support)



### NSA 7400

Developing

- AMD EPYC™ Turin (Zen 5) SP5, up to 128 cores
- 12 x DDR5 6000 ECC RDIMM, up to 768GB
- 8 x PCIe 5.0 LAN module slots
- 2 x M.2 3042/3052 for 4G LTE/5G (FR1) module
- 1 x mini-Pcie slot for Wi-Fi/AI module



## Edge AI and 5G

### DNA 1600

- MediaTek MT7988A CPU, 4 Arm Cortex-A73 cores
- Onboard DDR4, default 4GB
- 1 x 10GbE SFP+ port
- 1 x 2.5GbE & 4 x 1GbE RJ45 ports



### DTA 1164W Series

- Intel Atom® processor C3436L SoC processor, BGA type
- 1 x DDR4-2400 ECC memory slot, up to 16GB
- 6 x 1GbE RJ45 & 2 x SFP ports/8 x 1GbE RJ45 ports
- 65/36W power adaptor



### DFA 1163 Series

- Intel Atom® C3558R/C3758R SoC processor, BGA type
- 2 x DDR5 6400 ECC RDIMM/UDIMM slots, up to 64GB
- 1 x 10GbE SFP+ port
- 12 x RJ45 ports (with optional PoE+ support)



### DNA 140

- Intel Atom® x7433RE SoC processor, BGA type
- 4 x 2.5GbE RJ45 & 1 x 1GbE MNGT RJ45 ports
- 3 x 1GbE RJ45 with 1 x PoE port
- Up to 16GbE switch ports



## OT Security

### SIA 120

- Intel Atom® x6 4TRE processor, 4 cores
- Dual DC (12V/4V)
- 3 x 1GbE RJ45 ports with 1 x bypass pair
- 2 x USB ports



### SIA 12

- Intel Atom® x6 4TRE processor, 4 cores
- Dual DC (12V/4V)
- 2 x 1GbE fiber ports with 1 x bypass pair
- 2 x 1GbE fiber ports with 1 x bypass pair



### SIA 14

- Intel Atom® x14 16GbE processor, 4 cores
- Dual DC (9V/3.6V)
- Dual WiFi 6 & dual 5G (SDR) support
- 3 x 1GbE RJ45 & 1 x SFP port



### SIA 12

- Intel Atom® x6 4TRE processor, 4 cores
- Dual DC (9V/3.6V)
- 3 x 1GbE RJ45 with 1 x bypass pair
- 2 x USB ports



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#### Hungary



#### Subsidiary



#### Japan



#### Subsidiary



#### USA



#### Headquarters



#### Taiwan



M Manufacturing Centers

D Design Centers

S Sales Office

C CTO Service Centers

R RMA/DOA Service Centers

L Logistic Centers

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