

NEXCOM Releases 5G uCPE for Multi-Access Edge Computing Deployments

FTA 1170 is the centerpiece of the nexCPE product line, which addresses all requirements of the 5G core network and covers both wired and wireless applications

FREMONT, CA, UNITED STATES, June 20, 2022 /EINPresswire.com/ -- NEXCOM, a leading supplier of network appliances, introduces [FTA 1170](#), its new Intel-

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*Peter Yang, President of
NEXCOM*

based uCPE powered by the Intel Atom processor family. FTA 1170 is the centerpiece of the nexCPETM product line, which addresses all requirements of the 5G core network and covers both wired and wireless broadband applications. This 1U rackmount features an impressive port count of different types and link speeds to provide multiple Ethernet connectivity.

5G private and public networks are gaining popularity, as the number of connected users and devices increases daily. More and more enterprises are willing to migrate

from legacy internet access to a 5G private network, for its advanced customization in terms of security and management, higher speeds, and lower latency. With relative simplicity of deployment, expanded functionality, and flexibility, it is easier to choose a new appliance rather than trying to retune outdated equipment.

NEXCOM's FTA 1170 uses the Intel Atom processor with built-in MAC and Intel QuickAssist Technology (QAT) for crypto acceleration. This 1U rackmount supports wireless connectivity via a few add-on module options ranging from Wi-Fi 5/6, 4G, and 5G, offering customers' the most desired configuration for a wireless route effortlessly. For wired connectivity, there are twenty-four 2.5GbE switch copper ports, four 10GbE copper and fiber ports, and one expansion slot for a LAN module. FTA 1170 covers versatile use cases and works equally well as uCPE, switch-server or multi-access edge compute (MEC) server.

Main Features

- Intel Atom® P5300 processor series SoC, BGA type
- 4 x 288-pin DDR4 DIMM socket
- 1 x mini-PCIe slot for Wi-Fi 6 module

1 x M.2 3052 Key B for 5G FR1 module
1 x SO-DIMM DDR4 260-pin for BMC module
24 x 2.5GbE RJ45 switch ports
4 x 10GbE RJ45 NIC ports
2 x 10GbE SFP+ switch ports
2 x 10GbE SFP+ NIC ports
1 x PCIe Gen3 x16 interface LAN module slot

The [solution brief](#) was created by Intel Corporation.

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About NEXCOM

Founded in 1992 and headquartered in Taipei, Taiwan, NEXCOM integrates its diverse 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. NCS's network application platform is widely adopted in Cyber Security Appliance, Load Balancer, uCPE, SD-WAN, Edge Computing, Storage, NVR, and other network applications for businesses of all sizes.

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The image shows a NEXCOM FTA 1170/1170A 1U Rackmount Professional uCPE. The device is a black, rack-mountable unit with multiple antennas on top. Above the device is a large, stylized graphic of a globe with the number '5G' on it, surrounded by blue and white lines representing network connections and data flow. The NEXCOM logo is in the top left corner of the graphic. Below the device, the text 'FTA 1170' is visible. To the right of the device, the model number 'FTA 1170/1170A' is displayed in orange, followed by a detailed description of the unit's specifications in small black text.

NEXCOM

5G

FTA 1170/1170A

1U Rackmount Professional uCPE w/ Intel Atom® Processor, 24 x 2.5GbE and 4 x 10GbE Copper Ports, 4 x 10GbE Fiber Ports, 1 x LAN Module Slot

FTA 1170

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