

# NEXCOM Develops Advanced 5G Solution Based on Award Winning Thales Cinterion IoT Technology

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FREMONT, CA, USA, November 8, 2022 /EINPresswire.com/ -- NEXCOM, a leading supplier of network appliances, is launching a new uCPE solution to meet the massive demand of wireless connectivity in today's dynamic IT environments. NEXCOM's latest arrival to their expanding uCPE product line, the [DTA 1164W](#), leverages the award-winning Thales Cinterion® MV31-W Ultra High Speed IoT Modem Card to deliver 5G cellular connectivity and capabilities. Together, the Intel Atom® C3000R processor powered uCPE packs enhanced security features that deliver excellent performance per watt and PoE (Power over Ethernet) functionality while providing multiple connectivity options, such as Wi-Fi 5/6 and 4G LTE/5G in a single compact appliance.



This long-awaited 5G enabling network appliance has received high attention from notable operators in Taiwan and key players in the telecom sectors across the world. Wireless broadband has triggered IT professionals to seek cost and time efficient alternatives for fast deployment and easy maintenance without sacrificing networking and computing performance. The DTA 1164W □ designed under such context □ provides a great solution that showcases all the features needed by a variety of IT scenarios.

“To collaborate with Thales for 5G enabling is a strategic move from NEXCOM in terms of product positioning and marketing,” said Peter Yang, President of NEXCOM. “We are proud to have such a reliable partner as Thales whose expertise and global presence helps NEXCOM not only during the development stage, but also for the entire product life cycle, including sales and services, and we will continue to work together on further challenges.”



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*Peter Yang, President of  
NEXCOM*

“The Thales partnership with NEXCOM brings 5G cellular connectivity to this first-of-its-kind 5G uCPE and it marks a significant transformation in wireless connectivity,” said Sashidhar Thothadri, VP IoT Products Global Sales, Analytics & IoT Solutions, Thales. “Our award-winning Cinterion IoT Modem Card delivers ultra-high-speed 5G enhanced mobile broadband with 4G fallback, ensuring extremely low latency and higher throughput. With trusted 5G reliability, uCPE delivers the most advanced and

secured capabilities to meet the most demanding last mile connectivity priorities.

DTA 1164 key features:

- . Intel Atom® processor C3000R series SoC, BGA type
- . DDR4-2400 ECC memory SO-DIMM, up to 16GB
- . 6 x 1GbE RJ45 + 2 x SFP ports (reserve design to support 8 x 1GbE RJ45)
- . Two ports with PoE+, supports up to 30W (802.3at)
- . M.2 3042/3052 for 4G LTE and 5G (FR1)
- . mini-PCIe slot for Wi-Fi 5 and 6
- . Supports Intel® QAT
- . Supports 5G NR NSA/SA network

pls check here for [THALES news](#) and [DTA 1164W white paper](#)

About NEXCOM

Founded in 1992, NEXCOM integrates its capabilities and operates eight global businesses, which are Industrial Mesh, Intelligent Platform @ Smart City, Intelligent Video Security, Mobile Computing Solutions, Medical and Healthcare Informatics, Network and Communication Solutions, Smart Manufacturing, and Open Robotics and Machinery. This strategic deployment enables NEXCOM to offer time-to-market, time-to-solution products and services without compromising cost.

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