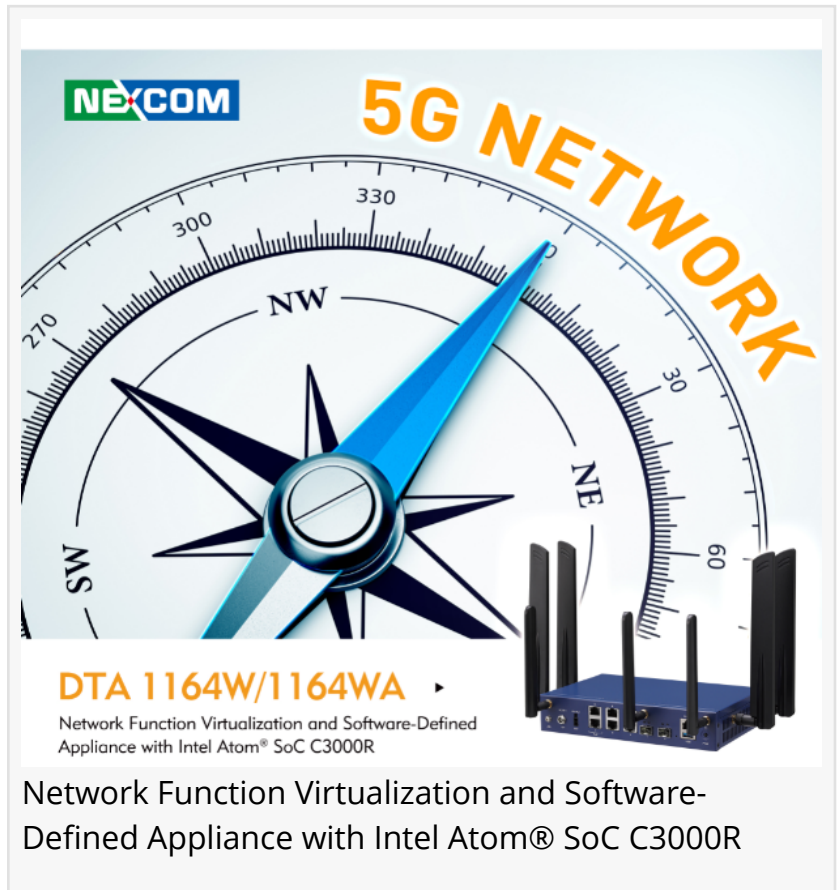# NEXCOM Introduces All-inclusive 5G uCPE Solution

NEXCOM releases latest uCPE for deployment in both 5G Non-Standalone and Standalone network environments.

FREMONT, CA, USA, June 30, 2021 /EINPresswire.com/ -- NEXCOM, a leading supplier of network appliances, proudly announces that its latest uCPE—DTA 1164W—has successfully attained results and passed tests to be deployed in both 5G Non-Standalone (NSA) and Standalone (SA) network environments. DTA 1164W is a desktop entry-level uCPE, designed ready to meet requirements of AT&T Open Compute Project (OCP) specification for customer premises equipment. Powered by Intel Atom® C3000R series CPU, with 8 LAN ports for multi-connectivity and PoE+ function, DTA 1164W also supports 5G FR1, 4G LTE, Wi-Fi 5 and 6, and features TPM and Intel® QAT for enhanced security.

Network Function Virtualization and Software-Defined Appliance with Intel Atom® SoC C3000R

For testing in 5G NSA mode, existing network architecture built by the biggest mobile service provider in Taiwan was used, and DTA 1164W delivered satisfactory results, corresponding to the requirements for 5G upload and download speeds. As for testing in SA mode, a 5G SA base simulator was used instead. Again, DTA 1164W did not fail the expected functionality and proved itself as a qualified appliance not only for current network infrastructure, but also for future network over a long-term horizon.

5G has been already rolled out all over the world, but it mostly operates based on existing 4G LTE network infrastructure while 5GC networks are being built in rapid speed to drive new revenue streams for service providers globally. DTA 1164W, an all-inclusive 5G uCPE, proven in NSA & SA modes, can be easily adopted for fast deployment as the best choice uCPE.

To learn more details about testing process, NEXCOM has posted this [whitepaper](#), as well as this short [animated clip](#) about the uCPE, both also available on their website.

About NEXCOM

Founded in 1992, NEXCOM integrates its diverse capabilities, and operates six global businesses, including the Network and Communication Solutions (NCS) unit, 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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