Smart Retail Technology Solutions Powered by NEXCOM's Neu-X102 Series

Self Service Retail and AI-Powered In Store Advertising Requires the Superior Performance of the Neu-X102 Series

FREMONT, CA, USA, October 24, 2023 /EINPresswire.com/ -- NEXCOM, a leading global supplier of intelligent retail appliances, announced today the launch of the [Neu-X102 series](#) featuring Intel® processors N50 and N97, designed to power real-time data transfer and superior graphics performance for smart retail technology. A slim, fanless, and durable design provides the right advanced technology solution to power retail applications, including Internet of Things (IoT) gateways, self-service kiosks, endless aisles, QSRs, drive-thru kiosks, interactive interior and exterior signage, and intelligent lighting systems.

◄ Neu-X102

Edge Computing System Powered by Intel® Processor N50/N97 (Alder Lake-N)

"Leading retailers are tapping into the power of advanced computing to improve in-store experiences for shoppers around the world," said Peter Yang, President of NEXCOM. "NEXCOM's Neu-X102 series featuring Intel® processors N50 and N97 is ready to manage demanding digital retail tasks, from interactive displays to AI-driven facial recognition powered advertising. Smart check-out technology and personalized retail marketing experiences are being driven by NEXCOM's Neu-X102 series."

> **"**
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> *Peter Yang, President*

Powering the next generation of retail technology, NEXCOM's Neu-X102 series delivers enhanced computing capabilities, energy efficiency, support for multiple displays, rapid Ethernet connectivity, and compatibility with LTE and Wi-Fi6/6E. The Neu-X102 series is powered by Intel® processors N50

and N97 (Alder Lake-N), featuring upgraded computing with low power-efficient performance and a rich set of IOT features. The Neu-X102 supports two HDMI 1.4b display outputs, dual 2.5GbE LAN ports, four USB 3.2 Gen2 ports, an RS232/RS422/RS485 port, and an M.2 2242 Key M storage slot that supports PCIe and SATA formats. It provides real-time data transmission for gateway applications over a wide coverage area.

The Neu-X102 series delivers significant improvements in single and multi-thread performance compared to its predecessors. The performance hybrid architecture design utilizes a combination of high-performance and low-power cores to achieve optimal performance along with energy efficiency. It also features superior graphics performance powered by Intel® UHD Graphics. The Neu-X102 series provides two HDMI ports to support 4K@30Hz and is a proficient graphics processor for video streaming and content creation. Increased data transfer speeds and faster data backup support remote work, improved database management, and Edge AI inference, powered by dual 2.5 Gigabit Ethernet LAN ports and four USB 3.2.

Features
- Intel® processors N50/N97 (Alder Lake-N), Intel® 7 process
- Slim compact chassis and fanless design
- 1 x DDR4 SO-DIMM socket, max up to 16GB
- Support 2 x HDMI 1.4b output, 4K@30Hz
- TPM 2.0 onboard design for security
- Richful I/O connectivity: 2 x 2.5GbE LAN, 4 x USB 3.2 Gen2
- 1 x M.2 2242 Key M for supporting PCIe & SATA storage device
- 1 x mini-PCIe slot support Wi-Fi and LTE module
- Support power input 12 VDC

To learn more, please visit the NEXCOM website.

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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