

## Advantech Newsletter February 2025

### Advantech Launches UBX-330M NUC-Sized Edge Computer for Diverse Smart City Applications



 **UBX-330M**  
NUC-Sized Edge Computer for Smart City Applications

Advantech, a leader in edge computing solutions, is excited to announce the launch of the UBX-330M, a compact NUC-sized edge computer designed to power intelligent city services with advanced AI capabilities.

The UBX-330M is powered by Intel® Core™ Ultra Processors (Meteor Lake H and U), which integrate a CPU, GPU, and NPU to deliver exceptional AI performance in a small form factor. Built as an AI-ready platform, the UBX-330M is perfect for applications requiring robust processing power across industries such as smart retail, hospitality, public spaces, education, entertainment, enterprise, and smart buildings.

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## **Modular Design for Flexibility and Customization**

The UBX-330M's modular design enables businesses to easily customize the system for various applications. It supports expansion modules for additional COM ports, a second LAN, 2.5" storage, and advanced features such as 4G/5G mobile communication and AI accelerator integration. This versatility makes the UBX-330M an ideal solution for applications ranging from retail kiosks to industrial automation.

## **Versatile Mounting Options for Seamless Integration**

Designed for diverse deployment environments, the UBX-330M offers flexible mounting options. The optional all-in-one mounting bracket supports wall, VESA, and pole mounting, ensuring compatibility with a wide range of installations. Other peripherals, such as the power adapter bracket and DIN rail kit, further enhance workspace organization and integration in factory automation setups. Additionally, the dual all-in-one mounting bracket configuration allows for VESA-mounted arm installations behind a monitor, making the UBX-330M perfect for a variety of applications

## **Empowering Smart Cities**

The UBX-330M is designed to drive smart city initiatives by delivering real-time processing and analytics at the edge. With low-latency performance and support for high-performance GPUs and NPUs, it excels in AI-driven applications such as facial recognition, data aggregation, and predictive analytics.

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## Key Features of UBX-330M

- **Powerful AI Integration:** Powered by Intel® Meteor Lake processors, the UBX-330M supports high-performance AI tasks and machine learning acceleration with M.2 modules like the Hailo AI accelerator, making it ideal for edge AI applications in retail, transportation, and smart cities.
- **Modular, Cable-less, and Future-Proof Design:** With its modular, board-to-board connector architecture, the UBX-330M simplifies inventory management and customization. It supports seamless expansion with peripherals, I/O, memory, and storage, ensuring adaptability to evolving customer needs and custom I/O requirements.
- **Flexible Expansion Options:** Supports modules for additional COM ports, a second LAN, 2.5" storage, 4G/5G communication, and AI accelerators.
- **Versatile Mounting Support:** Can be equipped with an all-in-one bracket for wall, VESA, and pole mounting. Other optional peripherals, such as a power adapter bracket and DIN rail kits, enhance installation flexibility. With the power adapter bracket and two all-in-one brackets, the UBX-330M and its adapter can be easily installed behind a monitor using a VESA mount, offering seamless integration for various deployment scenarios.

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