

**FOR IMMEDIATE RELEASE**

## **WPG Americas and MemryX Launch AI-Powered Industrial Compute Box Based on Advantech's UNO Platform**

San Jose, Calif. May 13, 2025 - **WPG Americas Inc.**, a leading distributor of advanced semiconductors and embedded solutions, and **MemryX Inc.**, a trailblazer in edge AI processors, today announced the launch of a new **AI-enabled Industrial Compute Box**, powered by **MemryX's MX3 Edge AI Accelerator** and built on the trusted **Advantech UNO series of platform**.

This collaboration brings together **WPG's industrial integration expertise, MemryX's high-efficiency AI processing, and Advantech's rugged, field-proven hardware platform** to deliver an industrial compute solution optimized for real-time machine vision, automation, and edge inference in Industry 4.0 environments.

"This solution reflects the best of what collaboration can offer," said Chris Miller, President at WPG Americas Inc. "By combining MemryX's disruptive edge AI capabilities with the proven reliability of Advantech's UNO platform, we're delivering an intelligent compute box that empowers industrial customers to rapidly deploy advanced AI in the field."

At the heart of the compute box is **MemryX's MX3 Accelerator**, purpose-built for edge AI applications. Its unique architecture enables low-power, low-latency inferencing across multiple AI workloads — including predictive maintenance, object detection, defect inspection, and process automation — without dependence on cloud connectivity. MemryX has prioritized automated tools and open source, to make it as simple and open as possible to implement dedicated Edge AI computing.

"Advantech's UNO platform has earned a strong reputation as a robust and adaptable solution, supporting digitization initiatives across a range of industries," said **Paul Moon Product Manager of Advantech**. "By partnering with WPG Americas and MemryX, we're helping deliver advanced, integrated solutions that are tailor-made for industrial manufacturing. This collaboration accelerates customer time-to-market and enables them to deploy innovative systems more efficiently and cost-effectively than before."

"Edge AI is essential for the future of industrial automation," said Keith Kressin, CEO of MemryX. "Our collaboration with WPG Americas and the adoption of Advantech's UNO platform accelerates our shared vision of bringing scalable AI to the edge in real-world industrial settings."

The compute box integrates seamlessly with a variety of industrial protocols and supports extensive I/O, including **LAN, COM, USB, and optional 5G/LTE**, ensuring compatibility with modern factory environments. Its rugged design allows for reliable operation in harsh conditions, with a wide temperature range and vibration resistance.

### **Key Features:**

- Built on Advantech UNO-2000 Series platform
- Powered by MemryX MX3 Edge AI Accelerator
- Compact, fan less, DIN-rail and wall-mountable design
- Support for multi-camera input and sensor fusion
- Real-time AI inferencing for vision, motion, and control tasks
- Broad industrial I/O and connectivity options
- Compatible with TensorFlow, PyTorch, and ONNX model frameworks

The AI-powered Industrial Compute Box will be available for early-access customers in the third quarter and will be showcased at **Automate in Detroit, May 12-15**. General availability is expected in the fourth quarter through WPG Americas' distribution network.

For more information, please contact:

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**About WPG Americas Inc.**

Headquartered in San Jose, CA, WPG Americas Inc. is a member of WPG Holdings, a \$27.4B worldwide distributor of semiconductors, passive, electro-mechanical, and display products. Founded in November 2007, WPGA is a franchised partner for leading technology suppliers. As a member of WPG Holdings, WPGA is uniquely positioned to offer total solutions to its diverse customer base. WPGA continues to introduce new leading-edge technologies, quality service, and design-in-focus through its superior engineering programs. For more information, visit [www.wpgamericas.com](http://www.wpgamericas.com). You can also follow us on [LinkedIn](#) and [YouTube](#).

**About MemryX**

MemryX Inc. is a fabless semiconductor company that designs edge AI processing solutions powered by a proprietary compute-at-memory technology and dataflow architecture. By combining high performance and accuracy with low system power, MemryX solutions cater to various industries, including transportation, IoT, and a wide range of industrial and consumer applications. For more information visit [www.memryx.com](http://www.memryx.com).

**About Advantech**

Founded in 1983, Advantech has the corporate vision to "Enable an Intelligent Planet." The company is a global leader in the fields of IoT intelligent systems and embedded platforms. To embrace the trends of IoT, big data, and artificial intelligence, Advantech promotes IoT hardware and software solutions with Edge Intelligence to assist business partners and clients in connecting industrial chains. Advantech is also dedicated to working with domain-focused partners to co-create solutions that deliver advanced solutions in Industrial IoT. Learn more about Advantech at <https://www.advantech.com/>.