



# Summertime News



## Better Partnership, Better Customer Service

### Expanding Network of Experts

Innovating and delivering the highest quality computer solutions to our customers has always been Axiomtek's expertise. Our decades of serving our systems integrators and OEM/ODM customers in focused industries have allowed us to understand the challenges they often faced in developing and deploying their projects. We realize that their challenges often go beyond having a great industrial computer solution that will meet their needs. The challenges often involve putting various pieces together effectively - from hardware, middleware, application software and other peripherals - to achieve their project designs and functionality objectives.



To better help our customers, we have developed an ecosystem of partners who are leaders within their industries, and together with these partners, we have been able to make it easier for our customers to realize their project goals. [Read More](#)

## Building Blocks for Smart Manufacturing

### Automation at its Best



To reap the optimum benefits of smart manufacturing, choosing the right hardware with purpose-built features and high compatibility with the software designed for a factory application is the key to successful deployment. The emergence of intelligent solutions stemming from the advancements of these building blocks have paved the way to the rise of technologies such as AI, deep learning/machine learning, robotics and machine vision. These cutting-edge concepts are used to create smart manufacturing environments that enhance productivity, reduce waste and costs, and streamline operations in factory assembly lines or warehouses.

Axiomtek's smart manufacturing solutions range from high performance edge computing controllers, vision systems with built-in PoEs and industrial gateways, all with rich communication options, scalability and customizability. [Read More](#)

## Axiomtek USA's Versatile RISC-Based Module

### Locally Designed SMARC v2.0 System on Modules

In response to the rising demand for RISC-based products within the local North American region, Axiomtek's USA branch has developed an ultra low power, compact yet high performance system on module product line with the i.MX 8M processor. The first of its product line, the **SCM180**, delivers enhanced security for an added layer of protection with its support of Trusted Platform Module and its discrete, dedicated microcontroller designed to support hardware encryption and decryption. It can also operate reliably in harsh environments.



The module's rich features have been expanded to include support for the Yocto Project Sumo 2.5 and Linux kernel 4.14. The **SCM180** offers true customer value with its rich interfaces, expandability and versatility to serve the needs of a wide range of applications. [Learn More](#)

## A Feature-Rich, Edge Computing Solution

### Ultra Compact, Rugged Embedded Computers



Axiomtek's fanless embedded system, the **eBOX100-51R-FL**, has a lot to offer. Highly compact in size and rugged in nature, the system is purpose-built for on-the-field and edge/gateway uses in space-constraint environments.

This tiny system offers scalable CPU options with choices between the high performance Core™ i5 and the lower-power consumption Celeron®. It is Microsoft® Azure-certified. The eBOX is software-ready and supports the AXView, Axiomtek's proprietary remote management system, and Intel® AMT 11. This newest addition to the eBOX100 product line is packed with features that include M.2 Key E 2230 for Wi-Fi, M.2 Key M 2242 for storage, GbE LANs, COMs, USBs and more. Its versatility, application-ready features, durability and long product lifespan deliver great value.

[Learn More](#)



### MANO521

Thin, High Performance Mini-ITX Motherboard with Great Expandability and Rich I/O Options Such as HDMI, LVDS, VGA, 4 USB 3.0, 4 USB 2.0, Dual GbE LANs, 2 SATA-600 & M.2 Key M



### UST500-517-FL

Expandable Railway/Vehicle Computer Certified with CE, FCC & Compliant with EN 50155, ISO 7637-2; Scalable CPU Options; 16 RJ-45 GbE PoE LAN Ports; Wide Operating Temperature Range



### GOT610-837

Rugged, Low Power Consumption 10.4" XGA Fanless Touch Panel PC for Heavy-Duty Vehicle Applications with Class 5M3 and MIL-STD 810F for Vibration/Shock Resistance



### ICO500-518

Flexible, Dual Modular IoT Gateway Controller with Rich Connectivity; Wide Operating Temperature and Power Input Ranges; and OVP, UVP, OCP and RPP Power Protection



IoT Solutions  
Alliance