

# Embedded Technology Insider January 2015: 2014, the Year in Review





## 25th Anniversary

The year 2015 holds a special meaning to everyone here at Axiomtek, since it signifies that we've not only been in business for 25 years- but that we've also proven to be a leader in the design and manufacture of PC-based industrial computer products. Our vision is to bring smart, innovative and sustainable embedded solutions into the connected world.

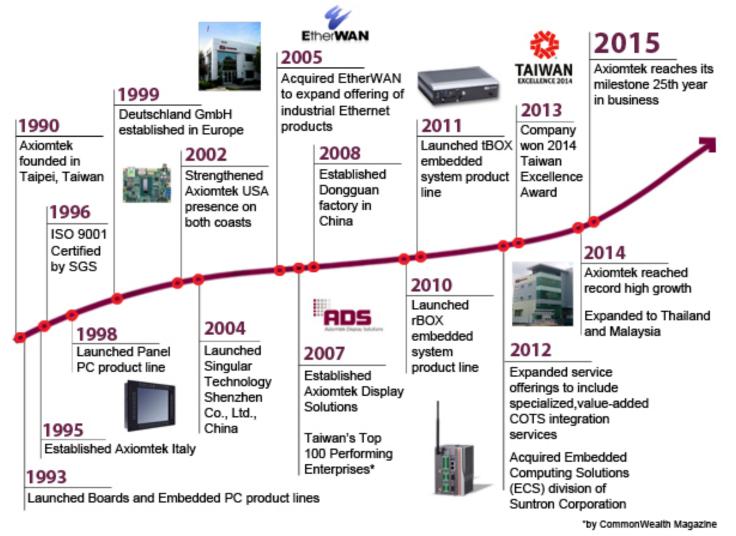
After being in business for a quarter of a century, we've come to understand the needs of our customers and our newest products are a direct result of designing and manufacturing embedded solutions for mission critical applications, which allows our



customers to bring superior products into their vertical markets. Years of experience have given our engineers insight into what system integrators need so that our products can be customizable while working to specifically meet industry standards.



## **Timeline of Accomplishments for Axiomtek**



Our products are made to endure many different environments by utilizing a variety of safety certifications, wide operating temperatures and powerful processors. We've taken our customers' needs into consideration and added key features to ensure complete reliability. With 25 years of experience and leadership, we've created products for industries including **automation**, **transportation**, **renewable energy**, **power utilities**, **medical**, **network appliances**, **digital signage**, **gaming**, and many more.

We understand that each industry has different hazards and regulations, and that's why we provide industry specific features like **fanless operation**, **IP65 rated bezels** and **low power consumption** for our **Panel PCs**, **M12 connectors** and **multiple railway** and **safety certifications** for our **tBOX** products, **multiple I/Os** and **display options** for our **eBOX** product line, **medical certifications** for our **MPC** products and **wide operating temperature ranges** for our **rBOX** product series. Over the last 25



years, our company has seen many industries change, but we've stayed on the cutting edge by providing high quality, feature-rich products with unparalleled reliability.

As we move forward with developing future products, we're also designing our products to take into account the new phenomenon known as the Internet of Things (IoT). By helping our customers become more efficient when using IoT features and its available analytics capabilities, companies can reach their business goals in this ever-changing, technology-driven global economy.

Our **Design Manufacture Services (DMS)** are set up with one goal in mind, to help integrate our hardware to fit your needs. We provide design assistance and comprehensive support through our team of experienced engineers and product specialist to help you easily meet your project challenges.

### **Product Showcase**



The **rBOX510-6COM**, fitted with the latest Intel® Atom<sup>™</sup> E3827 processor for low power consumption and high quality performance, specifically designed for use as a controller for industrial IoT-related applications.

#### rBOX510-6COM key features

- Intel® Atom<sup>™</sup> processor E3827 (1.57Ghz)
- Fanless and cableless design
- Wide temperature operating range of -40°C to 70°C (-40°F to 158°F)



The **CEM881**, a rugged and powerful COM Express Type 6 compact module which can come with a 5th Generation Intel® Core™ i7/i5/i3 or Celeron processor®, is suitable for graphics-intensive applications such as telecommunication, medical imaging, the Internet of Things and more.

#### CEM881 key features

- Onboard extended temperature 4 GB DDR3L (optional) and 1 DDR3L SO-DIMM max. up to 8 GB
- Triple independent display supported
- Max. up to 4 lanes of PCIe supported





The **MPC175-873**, a fanless medical grade panel PC with an Intel® Core<sup>™</sup> i7/i5/i3 processor.

#### MPC175-873 key features

- Socket G2 (rPGA988B) 3rd Generation Intel® Core™ i7/i5/i3 processors with Intel® GM77 PCH
- UL60601-1/EN60601-1, CE and FCC class B certified for medical usage
- IP65 front bezel (water and dust resistant) and IPX1 full enclosure



The **tBOX330-870-FL**, our company's first in the tBOX series certified for marine applications.

#### tBOX330-870-FL key features

- Onboard 3rd Generation Intel Core i7 1.7 GHz up to 2.8 GHz or Intel Core i3 1.6 GHz processor
- IEC60945 certified for marine use
- Fanless with an operating temperature range of -40°C to 70°C (-40°F to 158°F)



The **OPS883-H**, an ideal solution for multi-display applications at locations such as airports, shopping malls, business offices, school campuses, hotels, banks, retail stores, restaurants and more.

#### **OPS883-H** key features

- 4th Generation Intel® Core™ i7/i5/i3 processor
- Intel® Open Pluggable Specification (OPS) compliance for easy installation and maintenance
- Supports 4K resolution



The **CAPA881**, our latest 3.5" embedded board series with a 4th Generation Intel® Core™ i7/i5/i3 processor features impressive performance, graphics, security and remote management capabilities.

#### CAPA881 key features

- 4th Generation Intel® Core™ i7/i5/i3 Processor
- HM86 chipset (QM87 optional)
- One DDR3L SO-DIMM supports up to 8 GB memory capacity





The **GOT710-837**, our 10.4" railway-certified fanless touch panel PC specifically designed to meet the needs of the transportation industry.

#### GOT710-837 key features

- Sunlight readable 10.4" SGVA high brightness (1000 nits)
- Fanless with Intel® Atom™ processor E3827 1.75 GHz
- EN50155 certified for railway applications

### **The Future of Axiomtek**

As our company continues to grow, we want you to know that we hold a vested interest in creating the best products for our customers. We will continue to invest in our designs, market and quality to ensure that the Axiomtek name will be known for its trust and excellence for many years to come.

Contact us today at **solutions@axiomtek.com** or call us at **1-888-GO-AXIOM (1-888-462-9466)** to learn more about how we can support your smart product solution needs.