



NEWS RELEASE

Ambiq Expands Industrial Edge AI Adoption

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PARTNERSHIP WITH RONDS
ENABLES ALWAYS-ON PREDICTIVE
MAINTENANCE ACROSS GLOBAL
INDUSTRIAL OPERATIONS

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AUSTIN, Texas, January 6, 2026 — Ambiq Micro, Inc. (“Ambiq”) (NYSE: AMBQ), a technology leader in ultra-low-power semiconductor solutions for edge AI, today announced a significant expansion of its industrial footprint through a strategic partnership with Ronds, a publicly listed provider of intelligent equipment monitoring and predictive maintenance solutions.

Founded in 2007, Ronds specializes in industrial IoT-based anomaly detection and condition monitoring for heavy industries, including petrochemical, coal processing, and chemical plants. The company is expanding into international markets across North America, Europe, and the Middle East.

The partnership emphasizes Ambiq’s growing momentum in industrial applications, enabling large-scale deployments of always-on, battery-powered edge AI sensors in critical environments. By integrating Ronds’ intelligent sensing platforms with Ambiq’s proprietary Subthreshold Power Optimized Technology (SPOT®), the companies are overcoming long-standing barriers to industrial edge AI adoption in power, scalability, and maintenance.

ALWAYS-ON INTELLIGENCE FOR



THE INDUSTRIAL EDGE

Industrial operations face ongoing challenges, including unplanned downtime, equipment wear, limited on-site visibility, and safety hazards. Ronds' industrial monitoring sensors perform advanced analytics directly on the device, providing real-time insights without relying on continuous cloud connectivity. To date, over 400,000 units have been shipped into industrial settings, proving the viability of always-on edge AI in tough operating environments.

Key capabilities include:

- **Advanced Anomaly Detection:** Continuous monitoring of vibration, temperature, and acoustics to identify early indicators of equipment failure.
- **Natural-Language Diagnostics with Generative AI:** Integration with large language models (LLMs), including ChatGPT and DeepSeek, allowing operators to query machine health in natural language and receive actionable diagnostics.
- **Multi-Year Battery Life:** Ambiq's ultra-low-power architecture enables years of maintenance-free operation, supporting dense, large-scale sensor deployments.

"The industrial sector is central to the global economy, yet edge AI adoption has long been limited by power and reliability demands," said Aaron Grassian, EVP of Marketing and Sales at Ambiq. "This partnership demonstrates that Ambiq's edge AI technology is ready for industrial-scale, mission-critical deployment."

"As we expand predictive maintenance across complex industrial settings, we need processors capable of running advanced AI algorithms without sacrificing battery life," said Rachel Qi, US Branch Leader at Ronds. "Ambiq's Apollo SoCs provide the performance and efficiency needed to transition from pilots to real-world deployment."

SEE INDUSTRIAL EDGE AI AT CES
2026

Ambiq and Ronds will showcase their industrial edge AI solutions at CES 2026 in Ambiq's private suite at the Venetian Hotel in Las Vegas. Ambiq's technical teams will demonstrate the SPOT platform and share insights into the future of scalable, energy-efficient industrial AI.

Book a meeting with Ambiq at CES today.

About Ronds

Founded in 2007, RONDS is an AI-driven industrial services company dedicated to providing leading-edge intelligent equipment maintenance solutions and subscription-based services globally. We focus on combining cutting-edge AI technology with real-world industry applications, having developed a complete technology portfolio that includes sensor components, wireless sensor systems, edge intelligence, industrial big data, smart algorithms, and industrial IoT platforms. Our scenario-based intelligent maintenance solutions empower industrial companies towards high-quality development. For more information, visit www.ronds.com.

About Ambiq Micro

Headquartered in Austin, Texas, Ambiq's mission is to enable intelligence (artificial intelligence (AI) and beyond) everywhere by delivering the lowest power semiconductor solutions. Ambiq enables its customers to deliver AI compute at the edge where power consumption challenges are the most severe. Ambiq's technology innovations, built on the patented and proprietary subthreshold power optimized technology (SPOT®), fundamentally deliver a multi-fold improvement in power consumption over traditional semiconductor designs. Ambiq has powered over 280 million devices to date. For more information, visit www.ambiq.com.

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