ADLINK incorporate NVIDIA GPUs for embedded applications and AI

A Partner for the Embedded Market

With the embedded market presenting great business potential, NVIDIA aligned with ADLINK as its Quadro® Embedded Partner. Among the four **NVIDIA Quadro® Embedded Partners** in the world, ADLINK is the only one with extensive experience in offering industrial computers that address embedded application needs. As a direct account of NVIDIA Quadro® Embedded Partners, ADLINK has the direct access to NVIDIA® GPUs and technical support that will strengthen ADLINK's products with NVIDIA GPU onboard, GPUDirect, and NVEncode and NVDecode. ADLINK is uniquely qualified to satisfy the diverse design, production, and product lifecycle required of the embedded market. This includes building custom firmware and five-year longevity into the products; hardening them against temperature, vibration, and shock, etc.; and delivering different form factors including boards, modules, PCI Express cards, and platforms for the many thousands of edge devices that require artificial intelligence (AI) and powerful graphics.

Furthermore, ADLINK is one of 16 **NVIDIA OEM Preferred Partners**, among which only a few specialize in the embedded market. The partnership will help ADLINK expand its business opportunities. With years of market-proven experience in developing embedded products, ADLINK is now creating heterogeneous computing platforms that integrate both computing processors and NVIDIA GPUs. This combination provides a way for embedded systems at the edge to process complex data and real-time AI, unlocking huge potential for embedded applications in network-constrained environments, including:

- **Multimedia Displays**: Multiple, high-resolution displays include air traffic control, electronic chart displays and information systems (ECDIS), video walls, digital signage, gaming, and healthcare.

- **Parallel Computing**: High-performance application processing includes radar/ sonar systems in military and aerospace, ultrasound imaging in healthcare, and accelerated multi-access edge computing (AMEC) in telecom.

- **AI Engines**: System training and inferencing in smart manufacturing, smart city, telecom, defense, and transportation.