SECO® Unveiled New Energy-Efficient CUDA ARM® Development Kit: SECO mITX GPU DevKit (Kayla Platform)

SECO unveiled its latest energy-efficient DevKit – powered by the NVIDIA® Tegra® 3-based Qseven module on a Mini ITX form factor carrier board – the **SECO mITX GPU DevKit (Kayla Platform).**

The **SECO mITX GPU DevKit** is a GPU computing development kit designed to support the growing worldwide demand for power-efficient ARM®/ and ARM®+GPU HPC and server solutions. Integrating a PCI Express x4 interface on PCI-e x16, the **SECO mITX GPU DevKit** allows the use of a range of NVIDIA GPUs, including those based on the NVIDIA Kepler™ compute architecture.
The **SECO mITX GPU DevKit** will support the recently announced NVIDIA Kayla platform for computing on the ARM architecture, which is expected to be available this spring. The Kayla platform is powered by an NVIDIA Tegra quad-core ARM processor and a Kepler GPU to deliver the highest performance and highest efficiency for next-generation of CUDA and OpenGL applications.

*"In a world where power-hungry hardware is becoming more and more a liability, the **new SECO mITX GPU DevKit** enables software developers to explore the world of low power and high performance ARM/GPU based applications,"* said Alessandro Santini, SECO's HPC sales manager.

"ARM CPUs when combined with the compute power of GPUs can deliver maximum performance per watt," said Ian Buck, general manager of GPU computing software at NVIDIA. *"The SECO mITX GPU DevKit makes it easy for programmers to develop new CUDA-based applications for mobile devices, HPC servers and a broad range of other systems."*

SECO mITX GPU DevKit is available for pre-order at www.seco.com/gpudevkit at a suggested retail price of 349 EUR excl. taxes, and is comprised of:

- QuadMo747-X/T30 - QSeven v1.2 module, NVIDIA® Tegra® 3 with 2 GB RAM and 4 GB eMMC
- SECO Mini-ITX Carrier Board
- Cable Kit

Shipments will start on April 8th.

SECO mITX GPU DevKit specs:

- Energy-efficient Tegra® 3 quad-core ARM® CORTEX A9 processor with 2 GB processor memory

- PCI Express x16 mechanical connector, x4 electrical. For a list of compatible GPUs and other devices, please check at www.seco.com/gpudevkit

- 1 Gigabit Ethernet network support

- Direct attached storage support with SATA port

- HDMI

- 3 USB port + 1 OTG port

About SECO

SECO, a world-leading company in electronics embedded solutions, with over 30 years of experience has shown the ability to adapt its know-how to new, challenging customer needs, and to provide cutting-edge solutions to its partners.

Focusing on the highest quality standards, SECO has been able to maintain the entire production cycle in Italy, from the development stage to mass distribution.

Thanks to extensive research and design activities in cooperation with academia and leading companies worldwide, SECO has become a global market-leading company providing innovative solutions to the modern challenges of this industry. For more information, please visit: **www.seco.com**