

Press Release:

Reference: RiTech/PR16-003

Date: Friday, 14 April 2016

Connect Tech Releases Elroy, Its Newest Jetson™ TX1 Carrier

Connect Tech's Elroy Carrier for NVIDIA® Jetson™ TX1 brings a low cost deployable Jetson™ TX1 Solution to the market. Designed for use in a small form factor rugged environment. With locking pin-header connectors, solder in standoffs, and industrial temperature range components, the Elroy is going places.

Connect Tech has released its latest foray within the small form factor embedded marketplace with the Elroy Carrier Board. Following in the tracks of the Astro Carrier Board, the Elroy has a reduced feature set and provides a single PCB carrier board solution, specifically designed to match the NVIDIA® Jetson™ TX1 module form factor. Elroy's design includes Dual x2 MIPI CSI-2 Camera Inputs, Mini-PCIe/mSATA expansion, HDMI video, USB 3.0 and 2.0, and serial ports for RS-232/485. This small form factor carrier also includes onboard locking pin header connectors, solder in standoffs, and industrial range components.

NVIDIA® Jetson™ TX1 is a supercomputer on a module. It represents over 20 years of investment in visual computing distilled into an embedded system that's the size of a credit card. Jetson TX1 features the NVIDIA Maxwell™ architecture, 256 NVIDIA CUDA® cores, 64-bit CPUs, and unmatched power efficiency. Plus, it includes the latest technology for deep learning, computer vision, GPU computing, and graphics. This is the most comprehensive development platform you can get- including a developer kit, tools, developer portal, community, support, training, and product design packages- so it's ready for research, prototyping, development, and production. End-to-end, Jetson TX1 is the best system for embedded visual computing.



Connect Tech's new Elroy Carrier for Jetson TX1 is designed with rugged use in mind and harkens true to the adage that great things come in small packages. Even at just 87mm x 50mm, it still exposes many of Astro and Jetson TX1's great features and peripherals.

Press Release:

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About Connect Tech

For 30 years, Connect Tech has built a solid reputation for expertise in providing professional design services, delivering unsurpassed technical support and developing innovative products for embedded applications. Our products include commercial off-the-shelf and modified solutions for COM Express®, Qseven, SMARC Carriers, Single Board Computers, NVIDIA GPU solutions, Rugged Tablets, Cellular/Satellite M2M, FPGA, Digital & Analog I/O, Power Supplies, Enclosures, CAN Controllers, Solid State Drives, Ethernet-to-Serial, Multi-port Serial Cards, Adapters & Development Tools. The TQ Group employs approx. 1,300 colleagues at their sites in Seefeld, Weßling, Murnau, Peißenberg, Peiting, Durach/Allgäu, Wetter/Ruhr, Chemnitz, Leipzig, Fontaines (Switzerland) and Shanghai (China).

Manufacturer:

Connect Tech

<http://www.connecttech.com/>

About NVIDIA

Since 1993, NVIDIA (NASDAQ: NVDA) has pioneered the art and science of visual computing. The company's technologies are transforming a world of displays into a world of interactive discovery - for everyone from gamers to scientists, and consumers to enterprise customers. Recently, NVIDIA introduced the Jetson TX1, a credit card-sized module that harnesses the power of machine learning to enable a new generation of smart, autonomous machines that can learn. NVIDIA's embedded solutions address the challenge of creating a new wave of millions of smart devices - drones that fly autonomously; compact security surveillance systems that don't just scan crowds but identify suspicious activity; and robots that don't just perform tasks but tailor them to individuals' habits - by incorporating capabilities such as machine learning, computer vision, navigation and more.

Manufacturer:

NVIDIA

<http://www.nvidia.com/>

Rugged Interconnect Technologies

Rugged Interconnect Technologies focuses on offering rugged product solutions for industrial, mining, communications, defence and homeland security applications.

Working closely with our valued customers we can propose solutions based on application-ready computing platforms, customer specific requirements or a wide range of commercial off-the-shelf modules.

We represent best-of-breed suppliers with leading edge technologies consisting of rugged systems, processor, communication and multifunction I/O modules. Together we target applications such as sensor management and control, radar / sonar, digital signal processing, imaging, video tracking, situation awareness, recording and storage.

Rugged Interconnect Technologies prides itself in offering customers local sales and engineering support, product life cycle management and, when required assistance with next generation technology insertion. We have provided bus and board technologies to national and international customers for more than 30 years.

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