



Connect Tech Releases Cogswell, Spacely and Sprocket Carrier Boards for NVIDIA Jetson TX2 and TX1

Guelph, Ontario, March 7, 2017 – Connect Tech has announced the release of three new carrier boards – Cogswell, Spacely and Sprocket – for the new [NVIDIA® Jetson™ TX2 and existing Jetson TX1 products](#).

The high-performance, low-power NVIDIA Jetson platform brings real-time artificial intelligence (AI) performance to edge devices, ranging from robots and drones to enterprise collaboration devices and intelligent cameras.

“We are thrilled to be expanding our Jetson TX2 and TX1 deployable solutions with products such as Cogswell and Spacely that have been specifically designed for computer vision applications, allowing multiple GigE Vision and MIPI CSI-2 cameras to be used simultaneously,” said Michele Kasza, Vice President Sales and Marketing. “We know that our Sprocket carrier board will be a huge success in the community with anyone looking to develop and deploy on not only the smallest Jetson TX2/TX1 platform but the lowest cost one at only \$99.”

Cogswell is ideal for use with Gigabit Ethernet vision cameras (GigE Vision) and includes a total of five Gigabit Ethernet ports. Four of these ports can be used for IEEE 802.3af (PoE) 15.4W power sourcing or two of these ports can be used for IEEE 802.3at (PoE+) 25.5W power sourcing. Additionally, the Cogswell carrier enables HDMI video, CAN, USB 3.0, USB 2.0, USB OTG, Mini-PCIe/mSATA expansion, and two RS-232 serial ports.

Spacely targets unmanned vehicles and other applications where situational awareness is critical. It enables users to simultaneously capture up to 6 MIPI CSI-2 cameras as well as offering built-in expansion for a GPS/GNSS module. It includes a multi-I/O port specifically designed to enable easy connection to OEM autopilots such as the Pixhawk. Other on-board interconnects include 2x GbE, 1x HDMI, USB 3.0, USB 2.0, USB OTG, as well as miniPCIe and mSATA expansion.

Sprocket is the company’s smallest and lowest profile solution at only \$99. Sprocket and Jetson TX2 or TX1 can be mounted flat in the smallest of areas, perfect for space-constrained payloads such as drones. Designed to match the NVIDIA Jetson module form factor, Sprocket’s design includes 1x USB OTG, 1x MIPI CSI-2 Input, 2x 3.3V UART, 2x I2C, and 4x GPIO.

“Connect Tech’s extensive Jetson product line enables developers everywhere to quickly deploy Jetson-powered solutions to the field,” said Murali Gopalakrishna, head of Product Management, Intelligent Machines at NVIDIA.

Connect Tech’s Cogswell, Spacely and Sprocket products will be on display at Embedded World from March 14-16 at Hall 2, Stand 318 in Nuremburg, Germany.

For product page and spec sheet information, visit:

- Cogswell: <http://www.connecttech.com/sub/Products/ASG007.asp>
- Spacely: <http://www.connecttech.com/sub/Products/ASG006.asp>
- Sprocket: <http://www.connecttech.com/sub/Products/ASG008.asp>



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For over 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 NVIDIA Embedded GPUs, COM Express®, Qseven, SMARC Carriers, Single Board Computers, 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.