



Meet Rosie! Connect Tech's Embedded System for NVIDIA Jetson TX1

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Guelph, ON — Connect Tech is proud to release Rosie, its latest rugged embedded system, based on the NVIDIA® Jetson™ TX1. Housed in a compact enclosure with optional mounting brackets, Rosie features revolutionary NVIDIA Maxwell™ architecture with 256 CUDA cores delivering over 1 TeraFLOPs of performance with a 64-bit ARM A57 CPU.

Rosie's rugged system also provides USB, HDMI, 2x Gigabit Ethernet, WiFi, and Bluetooth capabilities. Designed to MIL-STD 810g and DO-160G for shock and vibration as well as IP68 ingress protection rating, the durable Rosie can stand up to just about anything thrown her way.

"Rosie was a natural progression for Connect Tech," says Michele Kasza, Vice President Sales. "Having received an overwhelming response to the release of our Astro Carrier Board for Jetson TX1 at Embedded World 2016, we quickly identified that a rugged box solution based on the same platform was also in high demand."

Rosie Specifications:

- Dimensions:
 - Without Mounting Bracket:
163.6mm x 108mm x 96.3mm
 - With Mounting Bracket:
163.6mm x 146.1mm x 99.4mm
- Weight: 1.43kg (3.15lbs)
- Memory: 4GB LPDDR4
- Ethernet: 2x Gigabit Ethernet (10/100/1000) RJ-45s
- Serial: 1x RS-232 with Modem (TX/RX/RTS/CTS)
- Video Inputs: 4 x Parallel or CSI-2/MIPI Camera Sensor Inputs via Coaxial Input on SMA
- Storage: 16GB eMMC
- Display: 1x HDMI Type A
- USB: 2x USB 2.0 Type A
- WiFi: IEEE 802.11 ac
- Bluetooth: 4.0 (24Mbps)
- Power Requirements: +9V to +36V
- Operating Temperature: -20°C to 80°C

See Connect Tech's Rosie on display at the GPU Technology Conference (GTC) April 4-7 at Booth 633.

For more information:

- View Rosie's Product Page: <http://www.connecttech.com/sub/Products/ESG501-ROSIE.asp>
- View Rosie's Spec Sheet: http://www.connecttech.com/pdf/ESG501_ROSIE.pdf
- [connecttech.com](http://www.connecttech.com)

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, 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.