



Connect Tech Inc.
Embedded Computing Experts

Orbitty Carrier for NVIDIA® Jetson™ TX2/TX2i/TX1

Connect Tech's Orbitty Carrier for NVIDIA® Jetson™ TX2, TX2i and Jetson™ TX1 is designed to match the NVIDIA Jetson TX2/TX2i/TX1 module form factor. The Orbitty's design includes 1x USB 3.0, 1x USB 2.0 OTG, 1x HDMI, 1x GbE, 1x microSD, 2x 3.3V UART, I2C, and 4x GPIO. Ideal for robotics and unmanned applications or any small form factor rugged environment.

Orbitty rounds out our Jetson TX2, TX2i and TX1 line of products offering our lowest priced carrier yet. Get up and running quick with your Jetson module and Orbitty.



Product Name: Orbitty Carrier for NVIDIA® Jetson™ TX2/TX2i/TX1
Part Number: ASG003

Shown with Jetson TX1 module



FEATURES

- ✓ *Extremely Small Size: 87mm x 50mm (3.425" x 1.968")*
- ✓ *1x GbE, USB 3.0, USB 2.0, 1x HDMI, 1x MicroSD, 2x 3.3V UART, I2C, 4x GPIO*
- ✓ *+9V - +14V DC Nominal (+19V Peak)*
- ✓ *Extended Temperature Range -40°C to +85°C (Orbitty Carrier)*

Specifications

Compatibility	NVIDIA Jetson TX2, NVIDIA Jetson TX2i, NVIDIA Jetson TX1
Dimensions	87mm x 50mm (3.425" x 1.968")
Display	1x HDMI
USB	1x USB 3.0 1x USB 2.0 OTG
Ethernet	1x Gigabit Ethernet (10/100/1000)
Audio	1x HDMI Integrated Audio
SD Card	1x microSD
Misc	2x 3.3V UART, I2C, 4x GPIO
Power Requirements	+9V - +14V DC Nominal (+19V Peak)
Weight	ASG003 (Orbitty Carrier): 41 grams Jetson TX2/TX2i/TX1: 144 grams (with heatsink); 75 grams (without heatsink)
Operating Temperature ¹	-40°C to +85°C (-40°F to +185°F)

[1] The Jetson TX2/TX1 Module is rated for -25°C to +80°C (measured at thermal heat plate)

Connect Tech Inc.

42 Arrow Road, Guelph ON Canada
Tel: 519.836.1291 **Fax:** 519.836.4878
Toll: 800.426.8979 (North America)
Email: sales@connecttech.com
www.connecttech.com

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