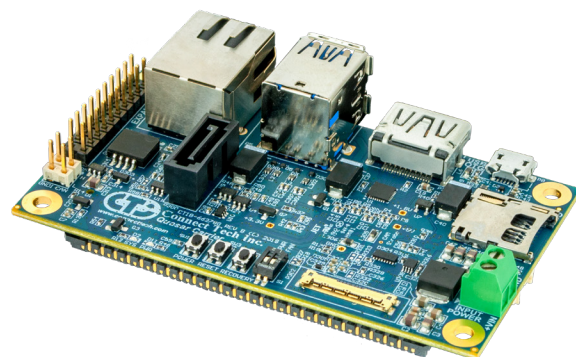


## Quasar Carrier for NVIDIA® Jetson™ TX2/TX2 4GB/TX2i

Connect Tech's Quasar Carrier for NVIDIA® Jetson™ TX2/TX2 4GB/TX2i is an update to the Orbitty Carrier, designed to match the NVIDIA Jetson TX2/TX2 4GB/TX2i module form factor. The Quasar design includes all the same connectors as the Orbitty (1x GbE, 1x microSD, 2x 3.3V UART, I2C, and 4x GPIO, 1x USB 2.0 OTG, ), with the addition of 2x USB 3.0 ports, 1x 4-lane MIPI (I-PEX), 1x CAN, an updated 1x HDMI 2.0 connector as well as a SATA 7-pin connector for storage while maintaining the 87mm x 50mm footprint.

Like the Orbitty, the Quasar is ideal for robotics, unmanned applications, or any small form factor rugged environment that require the addition of MIPI, CAN, SATA or HDMI 2.0 port. Quasar is the latest addition to the Connect Tech Jetson TX2, TX2 4GB and TX2i line of products offering a wide variety of connectors in a very small and affordable package. Get up and running quickly with your Jetson module and Quasar.

**Product Name:** Quasar Carrier for NVIDIA® Jetson™  
TX2/TX2 4GB/ TX2i  
**Part Number:** ASG016



### Specifications

<b>Compatibility</b>	NVIDIA Jetson TX2, TX2 4GB or TX2i
<b>Dimensions</b>	X/Y Footprint: 87mm x 50mm - Tallest Component Height: 13.42mm (From Top PCB Surface of Orbitty) - Total Stack Height: 30.18mm (Orbitty + TX2/TX2 4GB/TX2i Module + TX2/TX1 Flat Heatplate)
<b>Display</b>	1x HDMI (Supports up to HDMI 2.0 UHD 4K [2160p] at 60Hz)
<b>USB</b>	2x USB 3.0 (5Gbps, 1.4 A Maximum Current Sourcing) Dual Stack Connector 1x USB 2.0 (w/ OTG functionality)
<b>Ethernet</b>	1x Gigabit Ethernet - 10/100/1000 BASE-T
<b>Audio</b>	HDMI Integrated
<b>SD Card</b>	1x microSD
<b>CAN</b>	1x CAN 2.0b (isolated, using CAN transceiver)
<b>MIPI</b>	1x 4-lane MIPI CSI-2 (I-PEX Connector)
<b>SATA</b>	1x SATA (7-pin Data Connector)
<b>Misc</b>	2x 3.3V UART, I2C, 4x GPIO
<b>Power Requirements</b>	+9V - +14V DC Nominal (+19V Peak)
<b>Operating Temperature</b>	-40°C to +85°C (-40°F to +185°F)
<b>Warranty and Support</b>	1 Year Warranty and Free Support

### FEATURES

- ✓ *Extremely Small Size: 87mm x 50mm (3.425" x 1.968")*
- ✓ *1x CAN, 1x MIPI, 1x SATA*
- ✓ *1x GbE, 2x 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 (Quasar Carrier)*

#### 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**