



Quasar Carrier is an update to the Orbitty Carrier designed to match the NVIDIA Jetson TX2/TX2 4GB/TX2i module form factor.

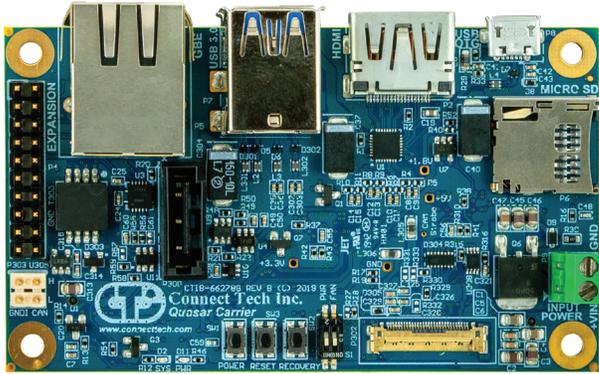


The Quasar design includes all the same connectors as the Orbitty (1x GbE, 1x microSD, 2x 3.3V UART, I2C, and 4x GPIO, 1x USB 2.0 OTG,), with the addition of 2x USB 3.0 ports, 1x 4-lane MIPI (I-PEX), 1x CAN, an updated 1x HDMI 2.0 connector as well as a SATA 7-pin connector for storage.

Quasar is ideal for robotic and unmanned applications that require the addition of MIPI, CAN, SATA or HDMI 2.0 ports.

FEATURES

- ✓ Extremely Small Size: 87mm x 50mm (3.425" x 1.968")
- ✓ +9V - +14V DC Nominal (+19V Peak)
- ✓ 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
- ✓ Extended Temperature Range: -40°C to +85°C (Quasar Carrier)



SPECIFICATIONS

Compatibility	NVIDIA Jetson TX2, NVIDIA Jetson TX2 4GB, NVIDIA Jetson TX2i	Dimensions	X/Y Footprint: 87mm x 50mm (3.43" x 1.97") <ul style="list-style-type: none"> Tallest Component Height: 13.42mm (0.53") (From Top PCB Surface of Orbitty) Total Stack Height: 30.18mm (1.19") (Orbitty + TX2/TX2 4GB/TX2i Module + TX2/TX1 Flat Heatplate)
Display	1x HDMI (Supports up to HDMI 2.0 UHD 4K [2160p] at 60Hz)	USB	2x USB 3.0 (5Gbps, 1.4 A Maximum Current Sourcing) Dual Stack Connector 1x USB 2.0 (w/ OTG functionality)
Ethernet	1x Gigabit Ethernet - 10/100/1000 BASE-T	Audio	HDMI Integrated
SD Card	1x microSD	CAN	1x CAN 2.0b (isolated, using CAN transceiver)
MIPI	1x 4-lane MIPI CSI-2 (I-PEX Connector)	SATA	1x SATA (7-pin Data Connector)
Misc	2x 3.3V UART, I2C, 4x GPIO	Power Requirements	+9V - +14V DC Nominal (+19V Peak)
Operating Temperature	-40°C to +85°C (-40°F to +185°F)	Warranty and Support	1 Year Warranty and Free Support



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