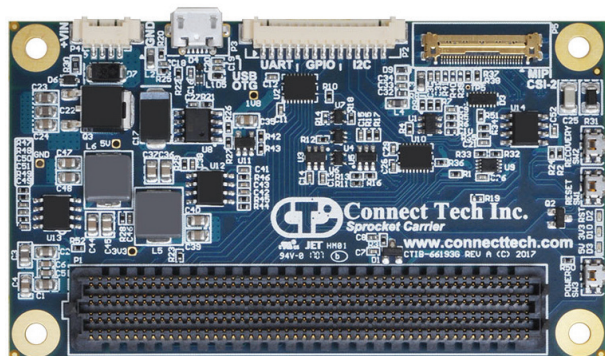


Sprocket is the smallest and lowest profile carrier board possible for the Jetson TX2 or TX2i module.

The Sprocket carrier and module stack can be mounted flat in the smallest of spaces - perfect for space constrained payloads such as that of a drone.



Single-sided assembly with all components fitting “under” the module - for slimest design possible in Z-axis.

FEATURES

- ✓ Extremely Small Size: 87mm x 50mm
- ✓ Extended Temperature Range: -40°C to +85°C
- ✓ 1x USB OTG, 1 x4 lane MIPI CSI-2, 2x 3.3V UART, I2C, 4x GPIO
- ✓ +12V to +16V DC Input Range

SPECIFICATIONS

Compatibility	NVIDIA Jetson TX2, NVIDIA Jetson TX2i
Dimensions	87mm x 50mm (3.425" x 1.968")
Video Input	1 x MIPI CSI-2 Input x4 or x2 lane configuration (30-pin connector)
USB	1 x USB OTG (Micro-AB)
UART	2 x 3.3V from TX2/TX2i UART0 and UART1
I2C	2 x I2C Ports @ 3.3V IO Pico-blade SMT RA or other
GPIO	4 bits of 3.3V (level shifted GPIO)
LEDs	PWR/RESET LEDs
Input Power	+12V to +16V DC Input Range
Buttons	Power, Reset, Recovery
Weight	28g (0.060 lbs/1.0oz)
Environmental Compliances	RoHS
Operating Temperature¹	-40°C to +85°C (-40°F to +185°F)

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



Shown with Jetson TX1 module

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RoHS

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