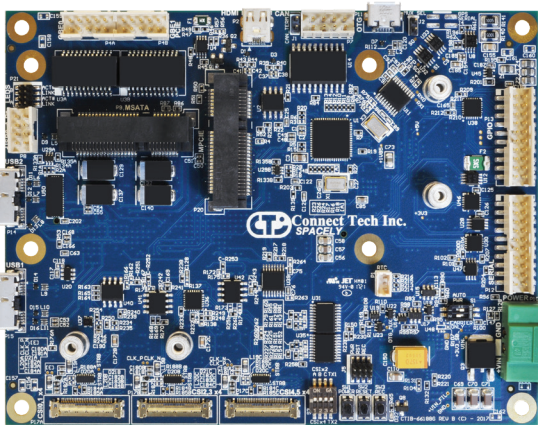


Spacely Carrier is an ideal product for unmanned vehicle applications, or any application needing situational awareness.

This carrier includes a multi-I/O port specifically designed to allow easy connection to OEM Autopilots such as the Pixhawk. Other onboard interconnects include 2x GbE, 1x HDMI, USB 3.0, USB 2.0, USB CLIENT, miniPCIe and mSATA expansion.



Spacely enables users to simultaneously connect up to 6 MIPI CSI-2 cameras as well as built-in expansion for GPS/GNSS.

## FEATURES

- ✓ Connect up to 6 MIPI CSI-2 Camera Inputs
- ✓ 2x GbE, 1x uHDMI, 2x USB 3.0, 2x USB 2.0, 1x USB CLIENT, 1x miniPCIe Slot, mSATA Slot
- ✓ Extended Temperature Range: -40°C to +85°C
- ✓ Tailored IO for easy connection to Pixhawk Autopilot
- ✓ 2x UART, I2C, SPI, 16 GPIO all at +3.3V IO

## SPECIFICATIONS

<b>Compatibility</b>	NVIDIA Jetson TX2, NVIDIA Jetson TX2i	<b>Dimensions</b>	125mm x 95mm (4.92" x 3.74")
<b>Input Power</b>	Wide Input +12V to +22V DC	<b>Networking</b>	2x Gigabit Ethernet (10/100/1000 Mbps)
<b>Display Output</b>	1x HDMI 1.4a (microHDMI) (Supports up to HDMI 2.0 UHD 4K [2160p] at 60Hz)	<b>Camera Inputs</b>	6x 2 Lane MIPI CSI-2 OR 3x 4 Lane MIPI CSI-2
<b>USB</b>	2x USB 3.0 Ports 1x USB CLIENT 2x USB 2.0 1x USB 2.0 to miniPCIe Slot	<b>Storage</b>	1x mSATA Full Sized Slot 1x microSD Card Slot
<b>UART</b>	2x 3.3V from TX2/TX2i/TX1 UART0 and UART1	<b>I2C</b>	I2C Channel 1 @ 3.3V IO
<b>CAN</b>	1 x CAN 2.0b Port	<b>GPIO</b>	16 bits of 3.3V (level shifted GPIO)
<b>Optional Sensor Expansion</b>	1x GPS/GNSS Module (optional)	<b>User Expansion</b>	1 x miniPCIe Slot with PCIe, USB + SIM
<b>LEDs</b>	GbE LEDs, PWR, S3#	<b>Operating Temperature<sup>1</sup></b>	-40°C to +85°C (-40°F to +185°F)
<b>SPI</b>	SPI Channel @ 3.3V IO		

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



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