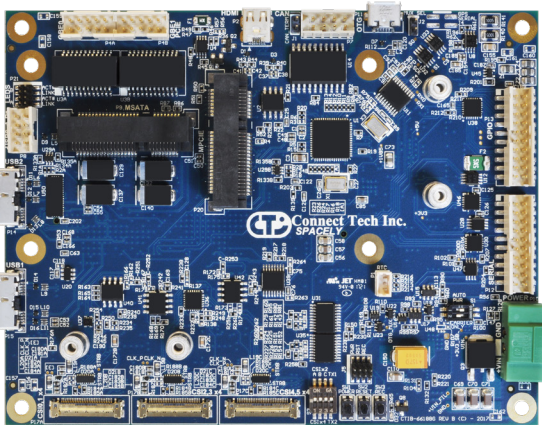


Spacely Carrier is an ideal product for unmanned vehicle applications, or any application needing situational awareness.

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

SPECIFICATIONS

Compatibility	NVIDIA Jetson TX2, NVIDIA Jetson TX2i, NVIDIA Jetson TX1	Dimensions	125mm x 95mm (4.92" x 3.74")
Input Power	Wide Input +12V to +22V DC	Networking	2x Gigabit Ethernet (10/100/1000 Mbps)
Display Output	1x HDMI 1.4a (microHDMI) (Supports up to HDMI 2.0 UHD 4K [2160p] at 60Hz)	Camera Inputs	6x 2 Lane MIPI CSI-2 OR 3x 4 Lane MIPI CSI-2
USB	2x USB 3.0 Ports 1x USB CLIENT 2x USB 2.0 1x USB 2.0 to miniPCle Slot	Storage	1x mSATA Full Sized Slot 1x microSD Card Slot
UART	2x 3.3V from TX2/TX2i/TX1 UART0 and UART1	I2C	I2C Channel 1 @ 3.3V IO
CAN	1 x CAN 2.0b Port	GPIO	16 bits of 3.3V (level shifted GPIO)
Optional Sensor Expansion	1x GPS/GNSS Module (optional)	User Expansion	1 x miniPCle Slot with PCIe, USB + SIM
LEDs	GbE LEDs, PWR, S3#	Operating Temperature¹	-40°C to +85°C (-40°F to +185°F)
SPI	SPI Channel @ 3.3V IO		

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