PART NUMBER: AGX202

Rogue Carrier for Jetson AGX Orin™ is a full featured carrier board specifically designed for commercially deployable platforms.

Rogue for Jetson AGX Orin™ provides access to an impressive list of latest generation interfaces on the Jetson AGX Orin while adding additional interfaces of 2x 10GbE, 3x USB 3.1, HDMI and a locking Mini-Fit Jr. power input connector

NVIDIA ELITE PARTNER

Rugged camera add-on expansion boards will also be available for use with the Rogue to interface directly with the Jetson AGX Orin™ high density MIPI CSI interfaces.

FEATURES

✓ Dual 10GBASE-T (10G Ethernet)

✓ Dimensions: 92mm x 107mm

✓ MIPI CSI-2, GMSL or FPD-Link III with camera breakout board

✓ 2x NVMe M.2 Key M Slots

SPECIFICATIONS

Compatibility	NVIDIA Jetson AGX Orin & AGX Orin Industrial*	**Dimensions**	92mm x 107mm
Networking	2X 10GBASE-T (10G Ethernet)	**Display Output**	1x HDMI (Type-A vert RA) (Supports up to HDMI 2.0 UHD 4K [2160p] at 60Hz)
USB	2x USB 3.2 Ports (Type-C) 1x USB 3.2 Ports (Type-C - OTG Capable)	**Storage**	2x NVMe M.2 Key M Slots 1x Micro SD Slot
UART	2x @3.3V Levels UART0 and UART1 Micro USB Debug UART	**I2C/SPI**	1x I2C Channel @ 3.3V IO 1x SPI Channel @ 3.3V IO
CAN	2x CAN 2.0b Port (Non-Isolated)	**GPIO**	4 bits of 3.3V (level shifted GPIO)(1PWM)
User Expansion	1x M.2 Key E Slot with PCIe & USB (Wifi + BT Modules)	**Input Power**	+12VDC Input Only (Positive Locking Molex Mini-Fit Jr Header)
Buttons	Power, Reset, Recovery (Tactile Buttons as well as fine pitch pin header connector)	**RTC Battery**	3-pin Picoblade connector to accept CTI Battery cable assembly
PCB/Electronics Mechanical Info	92mm x 107mm	**Camera Inputs**	- 6 x2 Lane MIPI CSI-2 or - 4 x4 Lane MIPI CSI-2 All connected via high-density camera connector breakout. Same Pinout as development kit. Application specific camera add-on boards can be used in conjunction with this interface (Up to 6x MIPI I-PEX, SerDes Inputs: GMSL or FPD-Link III, HDMI Inputs)
Operating Temperature	-40°C to +85°C (-40°F to +185°F)		

*Jetson AGX Orin™ Industrial module is supported on Rev D or later on the AGX202

RoHS