

	Rogue Carrier	Rogue-RX Carrier	Forge Carrier
Part Number	AGX202	AGX203	AGX201
Jetson Module	NVIDIA Jetson AGX Orin and AGX Orin Industrial		
Camera Inputs	1x 16-Lane MIPI Expansion Connector 6 x2 Lane MIPI CSI-2 or 4 x4 Lane MIPI CSI-2 All connected via high-density camera connector breakout (dev kit compatible). Add-on expansion boards are available for: 3G-SDI/HD-SDI, GMSL, FPD-Link III, HDMI Input and direct MIPI Input		
Ethernet	2X 10GBASE-T (10G Ethernet)	2X 10GBASE-T (10G Ethernet) with ix Industrial™ Rugged Positive Latching connectors	2x 10GBASE-T (10G Ethernet) 2x 1000BASE-T (1G Ethernet)
USB	2x USB 3.2 Ports (Type-C) 1x USB 3.2 Ports (Type-C - OTG Capable)	2x USB 3.2 Gen2 10Gbps with Samtec AcceleRate® Rugged Positive Locking Connectors 1x USB 3.2 Gen2 10Gbps (OTG Capable) Type-C	1x USB 3.2 Ports (Type-C) 1x USB 3.2 Ports (Type-C - OTG Capable)
Display Output	1x HDMI (Type-A vert RA) (Supports up to HDMI 2.0 UHD 4K [2160p] at 60Hz)	1x HDMI 2.1 8K60 Capable with Samtec AcceleRate® Rugged Positive Locking Connector	1x Display Port
Storage	2x M.2 Key M 2280 NVMe (4 lane PCIe Gen4) 1x Micro SD Slot		
Expansion	1x M.2 Key E Slot with PCIe & USB (Wifi + BT Modules)		1x M.2 Key E 2230 WiFi/BT (PCIe/USB2) 1x M.2 Key B 3042/3052 (LTE/5G - USB3) with Micro SIM
Power	+12VDC Input Only		+10 to 36V DC Wide Input Power
Input Power Connector	Positive Locking Molex Mini-Fit Jr Header		6-pin Mini-fit Jr. Connector
Misc Interfaces	2x @3.3V Levels UART0 and UART1, Micro USB Debug UART 2x CAN FD Port (Non-Isolated) 1x I2C Channel @ 3.3V IO, 1x SPI Channel @ 3.3V IO 4 bits of 3.3V (level shifted GPIO)(1PWM)		1x OcuLink Connector (4 lane PCIe Gen4) Root and Endpoint mode supported 2x @ 3.3V Levels UART1 and UART2, 1x RS-232/485 UARTs 2x CAN 2.0b Non-Isolated Port 2x I2C Channel @ 3.3V IO, 2x SPI Channel @ 3.3V IO 4x 3.3V GPI Inputs, 6x 3.3V GPO Outputs (2x PWM Capable), 1x 3.3V Power Pin at 1A
Operating Temperature	-40°C to +85°C (-40°F to +185°F)		
Dimensions	92mm x 107mm	92mm x 108.2mm	155mm x 125mm (6.10" x 4.92")