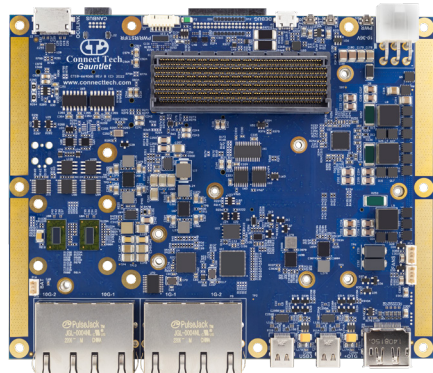


Purpose-built for the NVIDIA® Jetson Thor™ Series Modules, Connect Tech's Gauntlet Carrier Board delivers industrial-grade performance, ultra-fast networking, and advanced sensor integration—engineered to accelerate the next generation of robotics, autonomy, and AI at the edge.

With a comprehensive suite of interfaces and expansion options, Gauntlet unlocks the performance of NVIDIA's Blackwell GPU.

Compact. Rugged. Deployable. Gauntlet connects the future of robotics.



Gauntlet is fully compatible with Connect Tech's vision-ready platforms, enabling developers to quickly deploy full-stack AI systems with diverse imaging requirements.

FEATURES

- ✓ Commercially deployable NVIDIA® Jetson Thor™ solution
- ✓ 2x 10GbE, 2x 1GbE (RJ-45)
- ✓ 2x NVMe M.2 Key M Slots
- ✓ Fully compatible with Connect Tech Vision Platforms for GMSL3, GMSL2, FPD-Link III, SDI, HDMI, and MIPI CSI-2
- ✓ 2x USB 3.2

SPECIFICATIONS

Compatibility	NVIDIA® Jetson Thor™	Dimensions	155mm x 125mm (6.10" x 4.92")
Networking	2x 10GBASE-T (10G Ethernet) 2x 1000BASE-T (1G Ethernet)	Display Output	1x Display Port
Camera Inputs	1x 16-Lane MIPI Expansion Connector Interface directly to a range of GMSL3, GMSL2, FPD-Link III, SDI, and MIPI CSI-2 image sensors	USB	1x USB 3.2 Ports (Type-C) 1x USB 3.2 Ports (Type-C - OTG Capable)
Storage	2x M.2 Key M 2280 NVMe (1x 4 Lane PCIe Gen3, 1x 2 Lane PCIe Gen 3)	I2C/SPI	2x I2C Channel @ 3.3V IO 2x SPI Channel @ 3.3V IO
UART	2x RS232/422/485 2x @3.3V levels UART	GPIO	4x 3.3V GPI Inputs 6x 3.3V GPO Outputs (2x PWM Capable) 1x 3.3V Power Pin at 1A
CAN	4x CAN 2.0b Non-Isolated Ports	Input Power	+30V to +60V DC Wide Input Power (6-Pin Mini-Fit Jr. Connector)
User Expansion	1x M.2 Key E 2230 WiFi/BT (PCIe/USB2) 1x M.2 Key B 3042/3052 (LTE/5G - USB3) with Micro SIM	Operating Temperature	Carrier: -40°C to +85°C (-40°F to +185°F)

