

Built for autonomy, engineered for reliability, and powered by NVIDIA® Jetson Thor™, Anvil-T5 delivers the next leap in Edge AI performance.

Designed to handle the most demanding robotic and autonomous workloads, it combines extreme compute capability with rugged, dependable engineering.

From intelligent machines to field-deployed robotic systems, Anvil-T5 brings Jetson Thor-class performance and deployment-ready reliability to the edge.



FEATURES

- ✓ Powered by NVIDIA® Jetson Thor™ (T5000) module
- ✓ Pre-configured and pre-flashed with JetPack™ 7.0 BSP for immediate deployment
- ✓ Rugged active and passive cooling options, factory-integrated for sustained high-performance operation
- ✓ High-bandwidth connectivity: 2x 10 GbE, 2x 1 GbE, USB C, Display Port, and rich expansion I/O
- ✓ Wireless Connectivity: WiFi / BT, 5G, and GNSS expansion capabilities
- ✓ Vision-ready interfaces: GMSL3, GMSL2, FPD-Link III and SDI advanced autonomy and perception workloads



SPECIFICATIONS

Compatibility	NVIDIA® Jetson T5000	Dimensions	177.8mm (w) x 107.95mm(h) x 177.8mm (d) 7" (w) x 4.25" (h) x 7" (d)
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, and SDI 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	+36V 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 Nano SIM	Operating Temperature	-25°C to +60°C (-13°F to +140°F)

