Connect Tech

ANVIL-T5 EDGE SYSTEM

WITH NVIDIA® JETSON THOR™

PART NUMBER: ESG625

Built for autonomy, engineered for reliability, and powered by **NVIDIA® Jetson T5000**, **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.

NVIDIA Elite Partner



FEATURES

- ✓ Powered by NVIDIA® Jetson Thor™ (T5000) module
- ✓ Rugged active cooling, factory-integrated for sustained high-performance operation
- ✓ Wireless Connectivity: WiFi / BT, 5G, and GNSS expansion capabilities
- ✓ Pre-configured and pre-flashed with JetPack™ 7 BSP for immediate deployment
- ✓ High-bandwidth connectivity: 2× 10 GbE, 2× 1 GbE, 2× USB C, Display Port, and rich expansion I/O
- ✓ Vision-ready interfaces: GMSL3, GMSL2, FPD-Link III, and SDI for advanced autonomy and perception workloads

SPECIFICATIONS

Compatibility	NVIDIA® Jetson T5000	**Dimensions**	205.6mm (w) x 157.2mm (d) x 96.4mm (h) 8.10" (w) x 6.19" (d) x 3.79" (h)
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)

RoHS

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