NVIDIA® Jetson T5000™

SKU Setup Information

Marketing Copy

Features and Technical Specifications

Legal Text

Revision History

05/13/2025	Initial version for NVIDIA Jetson T5000 Module

SKU Setup Information

NVIDIA Part Number	900-13834-0080-000	
Countries	US,CA,CN,JP, EU†,UK,RS,UA,SG,MY,VN,HK,KR,IL,PH,MX,IN,AU/NZ,TW	
Product Name	NVIDIA® Jetson T5000™ Module	
Product Weight w/out Packaging (approx.)	0.28kg	
Product Weight w/ Packaging (approx.)	0.4kg	
Package Dimensions	321(L)x291(W)x250(H) mm	
Master Carton Weight (approx.)	11.2kg	
Master Carton Dimensions	376mm(L)x329(W)x182(H) mm	
Master Carton QTY	60pcs	
Min Buy QTY	1 pcs	
Full Pallet Weight (approx.)	672kg	
Full Pallet Dimensions	1200(L)x1000(W)x1400(H) mm	
Full Pallet QTY	2400 pcs (480 per layer x 5 layers) By Sea	
UPC	TBD	
HS Codes	US: 8471.50.0150	CN: 8471.50.9000
	CA:8471.50.0090	MY: 8471.50.9000
	MX: 8471.50.01	VN: 8471.50.90
	UK: 8471.50.0000	SG: 84715090
	EU: 8471.50.0000	HK: 8471.50.00
	RS: 8471.50.0000	AU:8471.50.0041
	NZ:8471.50.0010E	PH: 8471.50.900
	IL: 8471.50.00	TW:8471.50.00003
	IN: 84715000	JP:847150000
	KR:8471501000	UA:8471.50.0000
Schedule B	8471.5	
ECCN	5A992.C	
Origin	China, Vietnam, or USA	
MSRP (1ku+)	TBD	

† "EU" implies Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic. Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey - Preliminary and subject to change

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Product Name

NVIDIA® Jetson T5000™ Module

Marketing Summary

The Ultimate Platform for Humanoid Robotics

The **NVIDIA® Jetson T5000™** offers the highest level of performance for physical AI and robotics. You get up to 2070 FP4 TFLOPS of AI compute and 128 GB of memory with power configurable between 40 W and 130 W. Compared to AGX Orin™, it delivers over 7.5x higher AI compute than NVIDIA AGX Orin™, with 3.5x better energy efficiency.

This system-on-module features an NVIDIA Blackwell architecture GPU with a transformer engine and Multi-Instance GPU (MIG) support to effortlessly run the latest generative AI models. NVIDIA Jetson Thor accelerates low-latency, real-time multi-sensor applications with a 14-core Arm® Neoverse®-V3AE CPU, 4x 25 GbE networking, and extensive I/O options for sensor fusion. It also includes a suite of accelerators, such as a third-generation Programmable Vision Accelerator (PVA), dual encoders and decoders, an optical flow accelerator, and more.

Jetson Thor belongs to a new class of robotic computers, architected from the ground up to power next-generation physical AI applications. It supports a wide range of generative AI models, from Vision Language Action (VLA) models like NVIDIA Isaac™ GR00T for humanoids to all popular LLMs and VLMs. To deliver a seamless cloud-to-edge experience, Jetson Thor runs the NVIDIA AI software stack for physical AI applications, including NVIDIA Isaac for robotics, NVIDIA Metropolis for visual agentic AI, and NVIDIA Holoscan for sensor processing. You can also build AI agents at the edge using NVIDIA agentic AI workflows like Video Search and Summarization (VSS).

Our ecosystem of partners offers all the carrier boards, design services, cameras, and other sensors you need, as well as additional AI and system software. This lets you accelerate solution development in industries from robotics and smart spaces, to retail, industrial, medical, and more.
Jetson Thor modules give you production-ready performance, massive AI compute, and sensor capabilities for physical AI applications in a compact form factor. This makes them the ideal platform for developers looking to unlock new possibilities for humanoid robotics and other physical AI applications.

Learn more at https://developer.nvidia.com/jetson

Features and Technical Specifications

NVIDIA Part Number	900-13834-0080-000
GPU	NVIDIA Blackwell architecture with 2560 NVIDIA CUDA® cores and 96 Tensor Cores
CPU	14-core Arm® Neoverse®-V3AE 64-bit CPU
Vision Accelerator	1x PVA v3
Memory	128GB 256-bit LPDDR5X 273 GB/s
Storage	Supports external NVMe via PCIe
Power	40W-130W
Mechanical	100mm x 87mm 699 pin B2B Connector Integrated Thermal TransferPlate (TTP) with Heatpipe

NOTE: Refer to the Software Features section of the latest NVIDIA Jetson Linux Developer Guide for a list of supported features

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