DLAP-701 Series

Compact Edge AI Platform Powered by NVIDIA® Jetson Thor™

Features

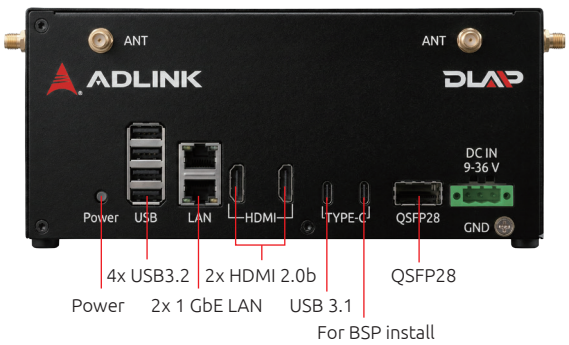
- Extreme AI Performance: Embedded with NVIDIA Jetson T5000™/ Jetson T4000™ up to 2070 FP4 TFLOPS for multi-model generative AI workloads.
- Rich High-Speed I/O: Includes 2x GbE RJ-45, 1x QSFP (4x25GbE), USB 3.2, M.2 slots for Wi-Fi/5G/SSD, and comprehensive expansion options.
- Industry-Grade Design: designed for Humanoid Robot/ Vision Sensing System (VSS) / Autonomous Mobile Robot (AMR) applications.

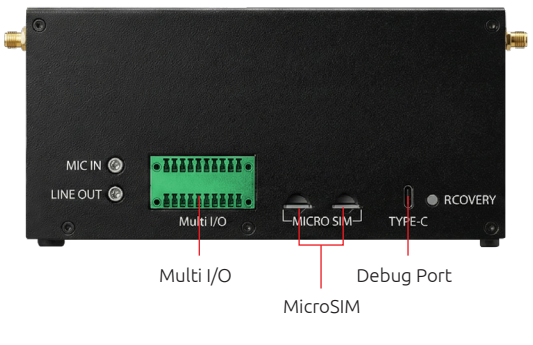
Preliminary



ASD+ 60°C -20°C

Product Illustration





Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Specifications

Model	NVIDIA Jetson T5000	NVIDIA Jetson T4000
AI Performance	2070 TFLOPS (FP4, Sparse)	1200 TFLOPS (FP4, Sparse)
System		
GPU	2560-core NVIDIA Blackwell architecture GPU with 96 fifth-gen Tensor Cores, Multi-Instance GPU (MIG) capability	1536-core NVIDIA Blackwell architecture GPU with 64 fifth-gen Tensor Cores
CPU	14-core ARM Neoverse-V3AE @ 2.6 GHz	12-core ARM Neoverse-V3AE @ 2.6 GHz
Memory	128GB LPDDR5X	64 GB LPDDR5X
SSD (OS)	128GB	
Front I/O Interfaces		
Button	1x power	
Display	2x HDMI (Max. resolution 3840x2160 @ 60Hz)	
Ethernet	2x 10/100/1000 Mbps Ethernet 1x QSFP for 4x 25GbE	
USB	4x USB 3.2 Type-A 1x Type-C for BSP install 1x USB 3.1 Type-C	
Back I/O Interface		
Button	1x Recovery	
USB	1x USB 3.1 Type-C	
SIM Slot	2x SIM slot for 4G/5G module dual sim support	
2x10 Euro Termina Block	1x CAN-FD (Isolated 3KV), 3x CAN-FD with Transceiver, +5V output 1A , +3.3V output 1A, UART, I^2C	
Audio	2x 3.5mm phone jack for Mic in & line out	
Internal		
Security	1x TPM2.0	
Sensor	1x Thermal sensor	
RTC	1x RTC Battery	
Expansion		
M.2 E key	1x 2230 E-key (Wi-Fi6)	
M.2 B key	1x 3052/3042 B-key (5G)	
M.2 M-key	1x 2280 M-key NVMe	
mPCIe	1x mPCIe	
Mechanical		
Power Supply	Power input: 9~36V +/- 5% DC Input	
Power Type	Terminal Block	
Internal pin header	3x FAN	
Dimensions	211 x 194 x 94 mm with rubber foot	
Weight	2kg	
Environmental		
Operating Temperature	-20°C to 60°C	
Vibration	TBD	
Operating Humidity	95% @ 40°C (non-condensing)	

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