



NV500

DGX10

NV200

NV300

# MILITARY DGX, JETSON

The next-generation military-grade AI computing platforms enhances high-precision UAV detection. By integrating multi-sensor fusion technology, these high-performance systems deliver exceptional detection accuracy, reliability, and efficiency for defense and security applications.



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# JETSON AGX ORIN

Jetson AGX Orin delivers power-efficient edge AI for defense applications, accelerating real-time surveillance, target detection, and multi-sensor fusion.



AI PERFORMANCE

275  
TOPs

GPU

2,048  
CUDA cores

MEMORY BANDWIDTH

204.8  
GB/s

## Jetson Orin NX Platform

### NV200

- ◆ SOM > Orin NX 16GB
- ◆ GPU > NVIDIA Ampere
- ◆ 3G-SDI > 4 x 3G-SDI w/BNC
- ◆ GMSL > 4 x Z-code w/FAKRA Connector
- ◆ CPU > Arm Cortex-A78AE
- ◆ RAM > LPDDR5 16GB
- ◆ Storage > 1 x 2TB M.2 NVMe

## Jetson AGX Orin Platform

### NV300

- ◆ SOM > AGX Orin 64GB
- ◆ GPU > NVIDIA Ampere
- ◆ 3G-SDI > 4 x 3G-SDI w/BNC
- ◆ Storage > 64GB eMMC5.1/ 1 x 4TB M.2 NVMe
- ◆ GMSL > 8 x Z-code w/FAKRA Connector
- ◆ CPU > Arm Cortex-A78AE
- ◆ RAM > LPDDR5 64GB

### NV300-A (1LS64)

- ◆ SOM > AGX Orin 64GB
- ◆ GPU > NVIDIA Ampere
- ◆ 3G-SDI > 2 x 3G-SDI w/D38999
- ◆ Storage > 64GB eMMC5.1/ 1 x 256GB M.2 NVMe
- ◆ CPU > 12-core Arm® Cortex®-A78AE
- ◆ RAM > LPDDR5 64GB

### NV300-E (S32E)

- ◆ SOM > AGX Orin 32GB
- ◆ GPU > NVIDIA Ampere
- ◆ 3G-SDI > 4 x 3G-SDI w/BNC
- ◆ Storage > 64GB eMMC 5.1
- ◆ CPU > 8-core Arm Cortex-A78AE
- ◆ RAM > LPDDR5 32GB

### AV710-X4

- ◆ SOM > AGX Orin 32GB
- ◆ GPU > NVIDIA Ampere
- ◆ 3G-SDI > 4 x 3G-SDI w/BNC
- ◆ Storage > 64GB eMMC5.1/ 1 x 2TB M.2 NVMe
- ◆ CPU > 8-core Arm Cortex-A78AE
- ◆ RAM > LPDDR5 32GB



# JETSON THOR

Power-efficient edge AI platform designed for surveillance, anti-drone detection, and sensor fusion, delivering ultra-low-latency inference for real-time situational awareness.



JETSON  
Thor

AI PERFORMANCE

2,070  
FP4 TFLOPS

GPU

2,560  
CUDA Cores

MEMORY BANDWIDTH

273  
GB/s

## Jetson Thor Platform

### NV500

- ◆ SOM > Jetson T5000
- ◆ CPU > 14-core Arm Neoverse-V3AE
- ◆ GPU > NVIDIA Blackwell
- ◆ RAM > LPDDR5X 128GB
- ◆ Storage > 1 x 4TB M.2 NVMe
- ◆ 3G-SDI > 4 x 3G-SDI w/BNC
- ◆ GMSL > 8 x Z-code w/FAKRA Connector

### NV500-DY

- ◆ SOM > Jetson T5000
- ◆ CPU > 14-core Arm Neoverse-V3AE
- ◆ GPU > NVIDIA Blackwell
- ◆ RAM > LPDDR5X 128GB
- ◆ Storage > 1 x 1TB M.2 NVMe

### NV500-IR

- ◆ SOM > Jetson T5000
- ◆ CPU > 14-core Arm Neoverse-V3AE
- ◆ GPU > NVIDIA Blackwell
- ◆ RAM > LPDDR5X 128GB
- ◆ Storage > 1 x 1TB M.2 NVMe



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# DGX SPARK

Powered by the NVIDIA GB10 Grace Blackwell Superchip, the DGX Spark AI supercomputer is designed for robotics and autonomous systems, enabling real-time inference, battlefield simulation, and mission-critical decision-making.



**DGX**  
Spark

TENSOR PERFORMANCE

**1**  
PFLOP

MEMORY BANDWIDTH

**273**  
GB/s

CPU

**20-core**  
Arm



## DGX Spark Platform

### ■ DGX10

- ◆ CPU > 10-core Arm Cortex-X925 + 10-Core Arm Cortex-A725
- ◆ GPU > NVIDIA GB10 Grace Blackwell
- ◆ RAM > LPDDR5X 128GB
- ◆ Storage > 1 x 4TB M.2 NVMe
- ◆ SmartNIC > Dual 200Gbps ConnectX-7 Networking



## Contact Us

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