

# DLAP-301-JNX/ DLAP-301-Nano

AI-enabled Embedded NVR  
 Powered by NVIDIA® Jetson  
 Xavier™ NX/ Jetson Nano™



## Features

- Deep learning acceleration with NVIDIA® Jetson Xavier™ NX or Jetson Nano™ SOM
- Linux® Ubuntu operating system
- 8 ports of PoE for video streams
- Support wide operating temperature
- Compact, durable and fanless design for 24/7 operation
- Wide variety of industrial I/O ports and visual inferencing capabilities
- Available with AWS IoT Greengrass service and Allxon remote device management

## Ordering Information

DLAP-301-Nano-Powered by NVIDIA® Jetson Nano™, 8x PoE, 2x RS-232, 3x USB 3.1, 1x SATA, 1x USB OTG, 1x GbE for uplink

DLAP-301-Nano/Lite -Powered by NVIDIA® Jetson Nano™, 8x PoE, 2x RS-232, 3x USB 3.1, 1x SATA, 1x USB OTG, 1x GbE for uplink

DLAP-301-NX -Powered by NVIDIA® Jetson Xavier™ NX, 8x PoE, 2x RS-232, 3x USB 3.1, 1x SATA, 1x USB OTG, 1x GbE for uplink

Remote Device Management -Start managing the device remotely on one centralized cloud portal by opening "Allxon Device Management" on the device desktop or simply visit Allxon DMS Portal: <https://dms.allxon.com/>

Model	DLAP-301-JNX	DLAP-301-Nano
<b>System</b>		
GPU	384-core Volta™ GPU with 48 Tensor Cores	128-core Maxwell™ GPU
CPU	6-core ARM® v8.2 64-bit	4-core ARM® A57
RAM	8GB	4GB
Storage		16GB eMMC 5.1
OS		Linux® Ubuntu
<b>Front Panel I/O Ports</b>		
Button		1 power, 1 reset, 1 recovery
HDMI		1 (2.0)
USB		1 USB 3.0 Type-A, 1 USB 2.0 OTG
Expansion Slot		1 2.5" SATA SSD slot
<b>Back Panel I/O Ports</b>		
PoE		8 (15W each, 10/100 Ethernet)
Ethernet		1 GbE
Serial Port		2 COM
USB		2 USB 3.0 Type-A
DIO		4-input and 4-output with 1.5KV isolation
<b>Power Supply</b>		
DC Input		12V
AC Input		AC adapter/AC-DC board
<b>Mechanical</b>		
Dimensions (W x D x H)		210mm x 170mm x 55mm
Weight		TBD
Mounting		Wall mount, VESA din rail (optional)
SMA Antenna Connector		4
<b>Environmental</b>		
Operating Temperature	-20°C ~ +70°C	Standard: 0°C ~ +50°C Extended: -20°C ~ +70°C
Operating Humidity		~95% @40°C (non-condensing)
Storage Temperature		-40°C ~ +85°C

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