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
System		
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	
Front Panel I/O Ports		
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	
Back Panel I/O Ports		
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	
Power Supply		
DC Input	12V	
AC Input	AC adapter/AC-DC board	
Mechanical		
Dimensions (W x D x H)	210mm x 170mm x 55mm	
Weight	TBD	
Mounting	Wall mount, VESA din rail (optional)	
SMA Antenna Connector	4	
Environmental		
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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