

# DLAP-301-JNX

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

## Features

- NVIDIA® Jetson Xavier™ NX processing/inference engine
  - 6-core NVIDIA Carmel ARM® v8.2 64-bit CPU
  - 384-core NVIDIA Volta™ GPU with 48 Tensor Cores
- 8x PoE for IP cameras
- HDMI, 8-bit digital inputs/outputs, 2x COM, 3x USB, 1x GbE for uplink
- Easy to maintain 2.5" SATA storage
- 12V DC input, AC adapter, AC-DC board

Preliminary



## Specifications

|                                  | DLAP-301-JNX                           |
|----------------------------------|--|
| <b>System Core</b>               |  |
| Processor                        | NVIDIA® Jetson Xavier™ NX              |
| Memory                           | 8GB LPDDR4                             |
| eMMC                             | 16GB eMMC 5.1                          |
| <b>Graphic Output</b>            |  |
| Graphic Output                   | 1x HDMI 2.0                            |
| <b>Front Panel I/O Interface</b> |  |
| USB 3.0                          | 1x Type A                              |
| USB 2.0                          | OTG                                    |
| Graphic Output                   | 1 vertical HDMI connector              |
| <b>Rear Panel I/O Interface</b>  |  |
| Ethernet                         | 1x GbE                                 |
| POE                              | 8x PoE (15W each, 10/100 Ethernet)     |
| USB 3.0                          | 2x Type A                              |
| Serial Port                      | 2x COM                                 |
| DIO                              | 4x input/ 4x output w/ 1.5KV isolation |
| <b>Storage Device</b>            |  |
| SATA Extention                   | 2.5" SATA SSD                          |
| <b>Power Requirements</b>        |  |
| DC Input                         | 12V DC input                           |
| AC Input                         | AC adapter<br>AC-DC board              |
| Fail Reset                       | Reset/recovery button                  |
| Power LED Indicator              | Power Button                           |
| <b>Mechanical</b>                |  |
| Dimensions                       | 210 x 170 x 55 (mm)                    |
| Weight                           | TBD                                    |
| Mounting                         | Wall mount/ DIN-RAIL                   |
| <b>Environmental</b>             |  |
| Operating Temperature            | -20°C ~ +70°C                          |
| Operating Humidity               | ~95% @40°C (non-condensing)            |
| Storage Temperature              | -40°C ~ +85°C                          |