DLAP-401-Xavier

Edge AI Platform Powered by NVIDIA® Jetson AGX Xavier™

Features

- Deep learning acceleration with NVIDIA® Jetson AGX Xavier™ SOM
- Linux® Ubuntu operating system
- High performance yet energy efficient
- Support wide operating temperature
- Compact, durable and fanless design for 24/7 operation
- Wide variety of industrial I/O ports and visual inferencing capabilities

DLAP-401-Xavier	
System	
GPU	512-core Volta™ GPU with 64 Tensor Cores
CPU	8-core ARM® v8.2 64-bit
RAM	32GB
Storage	32GB eMMC
OS	Linux® Ubuntu
Front Panel I/O Ports	
Button	1 power, 1 reset, 1 recovery
USB	3 USB 3.1 Gen. 1 Type-A (lockable)
eSATA	1
Side Panel I/O Ports	
HDMI	1
USB	1 USB 3.1 Type-C
Ethernet	2 10/100/1000Mbps Ethernet
CAN Bus	1 (2.0b)
Extension Slots	
M.2	M.2 B key 2242 (SATA SSD)/M.2 B key 3042 (LTE) M.2 E key 2230 (Wi-Fi)
IMU	Optional BMI160

Power Supply	
DC Input	24V
AC Input	160W power adapter
Mechanical	
Dimensions (W x D x H)	150mm x 145mm x 85mm
Weight	TBD
Mounting	Wall mountable
SMA Antenna Connector	2
Environmental	
Operating Temperature	-20°C ~ +60°C
Operating Humidity	~95% @40°C (non-condensing, optional with fanless solution)
Storage Temperature	-40°C ~ +85°C
Vibration	Operating 1Grms, 5-500Hz, 3 axes w/ mSATA
Shock	Operating 20G, half sine 11ms duration w/ mSATA

Ordering Information

DLAP-401-Xavier	Powered by NVIDIA® Jetson AGX™
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**