DLAP-401-Xavier

Edge AI Platform Powered by
NVIDIA® Jetson AGX Xavier™



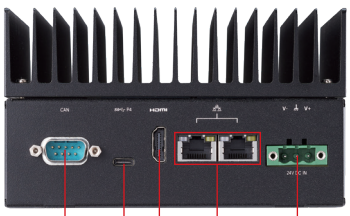
Features

- 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
- Allxon integrated for remote device management

Software Support

- Ubuntu18.04, Ubuntu 20.04





Ordering Information

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

Optional Accessories

GST160A24-AD	160W, Adapter, 24V/6.67A, Cord-End MEANWELL
LTE-M2-3042-EM06-E-Ant	M.2 LTE Module Cat6 LTE/WCDMA/GNSS LTE-FDD : B1/B3/B5/B7/B8/B20/B28/B32 LTE-TDD : B38/B40/B41 WCDMA : B1/B3/B5/B8 Size : 42x30x2.3mm FW:EM06ELAR03A08M4G w/ Antenna

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Optional Accessories

WiFi-M2-2230-QCNFA364A-Ant	QCNFA364A/WCBN808A-Q2 Wi-Fi (11a/b/g/n/ac 2Tx2R) + BT (V5.0 LE 1M) Combo Solution M.2 2230 Module -10~70 w/ Antenna
EWK-M2-AC9260-ET	INTEL AC9260 IND. WIFI w/ mPCIe converter
TS256GMTE452T	M.2 2242, NVMe PCIe Gen 3x2 B+M Key 256GB,Operating Temperature: 0 to 70°C Sequential : Read Up to 1700 MB/s, Write Up to 1250 MB/s
AEB24B09C12QTT3-CT	SSD, M.2 2242 B+M-Key, NVMe PCIE Gen3 x2, 512GB, 3.3V, 3D TLC, 1650MB SR/1480MB SW, TBW:1186TB, MTBF>3MH, OP Temp: 0 to 70°C
AM24B80C12QTT5-CT	SSD, M.2 2242 B+M-Key, SATA, 512GB, 3.3V, 112 Layars, 550MB SR/520MB SW, TBW:1363.6TB, MTBF>3MH, OP Temp: 0 to 70°C
AM24B80B56QTT5-CT	SSD, M.2 2242 B+M-Key, SATA, 256GB, 3.3V, 112 Layars, 550MB SR/480MB SW, TBW:681.8TB, MTBF>3MH, OP Temp: 0 to 70°C

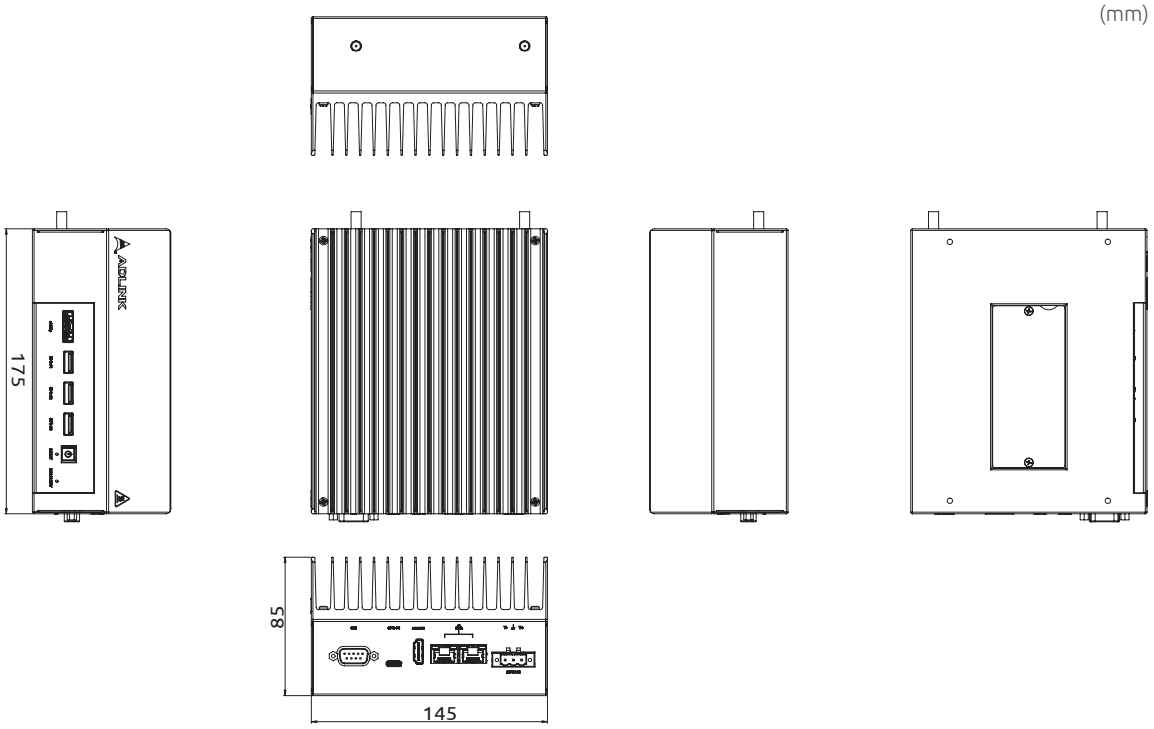
Specifications

Model	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	1x power, 1 reset, 1 recovery
USB	3x USB 3.1 Gen. 1 Type-A
eSATA	1
Side Panel I/O Ports	
HDMI	1
USB	1x USB 3.1 Type C (OTG)
Ethernet	2x 10/100/1000Mbps Ethernet
CAN Bus	1 (2.0b)
Extension Slots	
M.2	M.2 B key 2242 (nvme/sata)/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	2 KG
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/ nvme 2242
Shock	Operating 20G, half sine 11ms duration w/ nvme 2242

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Mechanical Overview

(mm)



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