



VPP6N0-S NX

Phone: (626) 610-1888

Email: info@acmeportable.com

Web: www.acmeportable.com



Compact and fanless edge AI platform

Features

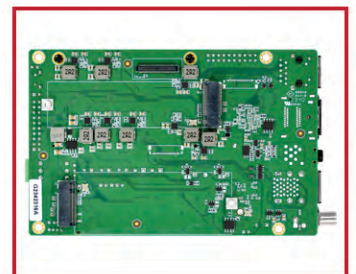
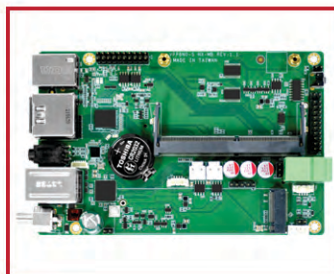
Powered by NVIDIA® Jetson Orin™ NX up to 100 / 70 TOPS

3xM2 M Key, Gen 4x4 / Gen 4x2 / Gen 4x1

Fanless Design

4xUSB3.2 Gen2

RS232 / RS485 / I2C





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CPU

NVIDIA Jetson Orin™ NX 8GB 6-Core Arm® Cortex®-A78AE v8.2 64-Bit CPU
1.5MB L2 + 4MB L3

NVIDIA Jetson Orin™ NX 16GB 8-Core Arm® Cortex®-A78AE v8.2 64-Bit CPU 2MB L2 + 4MB L3

GRAPHICS CARD

1024-Core NVIDIA Ampere Architecture GPU with 32 Tensor Cores

MEMORY

NVIDIA Jetson Orin™ NX 8GB 8GB LPDDR5
or
NVIDIA Jetson Orin™ NX 16GB 16GB LPDDR5

DISPLAY INTERFACE

2×HDMI2.0

ETHERNET

1×RJ45 for 10/100/1000Mbps Ethernet, DHCP Client

AI PERFORMANCE

NVIDIA Jetson Orin™ NX 8GB 70 TOPS

NVIDIA Jetson Orin™ NX 16GB 100 TOPS

EXPANSION SLOTS

M.2, 1×M.2 2280/3080 M Key PCIe Gen4×4 Slot,
1×M.2 2280 M Key PCIe Gen4×2 Slot,
1×M.2 2280 M Key PCIe Gen4×1 Slot

STORAGE

Supports External NVMe

MIPI

8×MIPI CSI Lanes (Support MIPI Camera, Capture Card)

USB

4×USB3.2 Gen2 (Type-A),
1×USB3.2 Gen1 (Pin Header),
1×USB3.2 Gen1 (Pin Header, Contains USB3.0)

BUILT TO YOUR SPECS

Our in-house engineering and design team is able to create custom solutions, either adding modifications of our standard products or full custom designs. Our sales engineers will work closely with you to truly understand the problem, specific certification requirements, quantity and schedule.

QUALITY TESTED

We pride ourselves in our strict quality control and high standards. Our factory is ISO 9001 certified, and all units are thoroughly inspected and tested in the USA before shipment. Warranty is offered on all units.

With over 25 years of experience, we pride ourselves in creating unique computing platforms that are customized specifically for demanding applications. Our portable computers are built to support intensive applications, additional PCIe cards, large disk storage, and multiple displays. From graphic-intensive applications to high-density storage servers, our computers are used in a number of industries, including digital media & broadcasting, test & measurement, and government & military.

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