



# VPP6N0 IGX

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## 700 TOPS of AI Computing by NVIDIA RTX A6000

### Features

Powered by NVIDIA IGX Orin™ and NVIDIA® RTX A6000

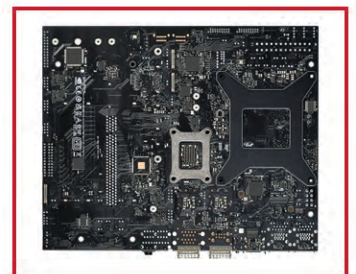
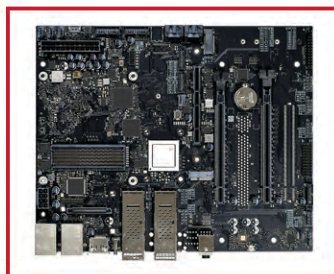
NVIDIA IGX Orin™ Motherboard

Up to 700 TOPS AI Performance

2x100Gb QSFP28 Port, 2x1Gb RJ45 Port

1xPCIe Gen5x8

8xUSB3.2 Gen2







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## CPU

NVIDIA IGX Orin™ 12-core  
Arm® Cortex®-A78AE v8.2 64-Bit CPU  
3MB L2 + 6MB L3

## GRAPHICS CARD

NVIDIA IGX Orin™ 2048-Core NVIDIA Ampere Architecture GPU with 64 Tensor Cores  
  
NVIDIA RTX A6000 48 GB GDDR6 Memory, 768 GB/s Memory Bandwidth 10752-Core NVIDIA Ampere Architecture GPU with 336 Tensor Cores

## MEMORY

64GB LPDDR6

## DISPLAY INTERFACE

4×DP1.4

## ETHERNET

2×100Gb QSFP28 Port  
2×RJ45 for 10/100/1000Mbps Ethernet  
DHCP Client

## AI PERFORMANCE

700 TOPS

## EXPANSION SLOTS

1×PCIe Gen5×16 Slot ( With 8 PCIe Lanes )  
1×PCIe Gen5×16 Slot ( With 16 PCIe Lanes, for Optional RTX A6000 )  
  
1×M.2 2230 E Key USB2.0/PCIe Gen2×1 Slot  
1×M.2 2280 M Key PCIe Gen4×4 Slot

## STORAGE

64GB eMMC 5.1 (On NVIDIA IGX Orin™ Module)  
4×SATA

## MIPI

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

## USB

4×USB3.2 Gen2 ( Type-A )  
4×USB3.2 Gen2 ( Pin Header )  
1×USB3.2 Gen2 ( Type-C )

## 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.

**ACME PORTABLE MACHINES, INC.**  
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