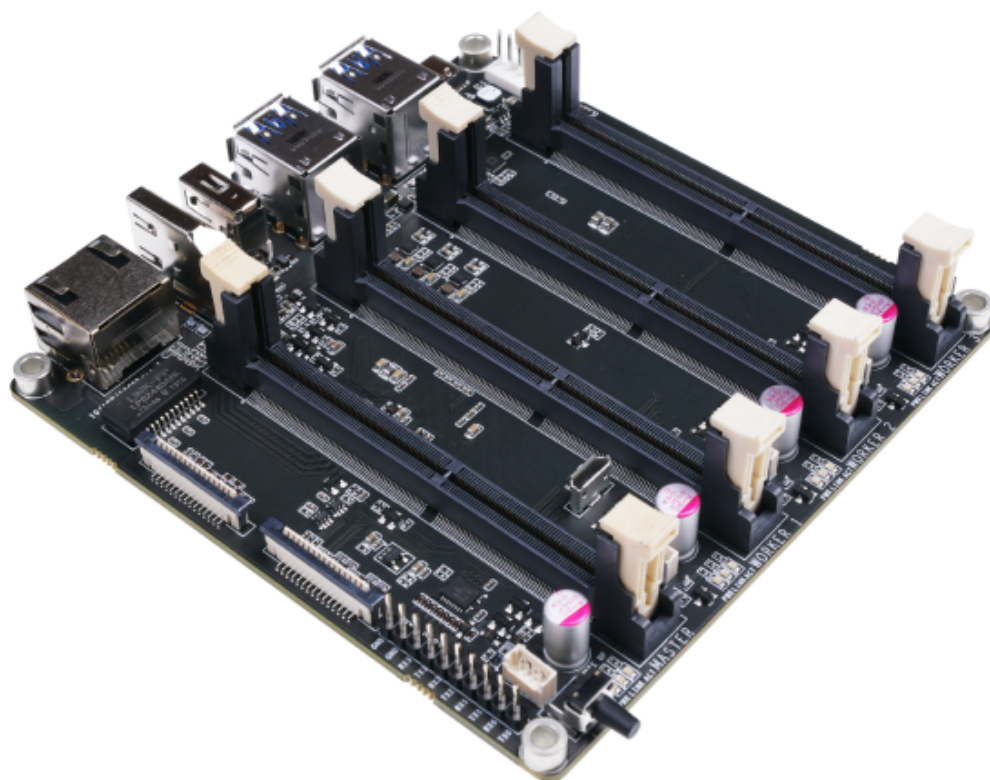


Jetson Mate With Cooling Fan - Jetson Nano/NX Carrier Board for GPU Cluster and Server





Jetson Mate Cluster Mini - Jetson Nano/NX Carrier Board for GPU Cluster and Server

SKU

110991411

Jetson Mate Cluster Mini includes a **Jetson Mate**, a **cooling fan**, and a **case**. **Jetson Mate** is a carrier board which can install up to 4 SoMs. There is an on board **5-port gigabit switch enabling the 4 SoMs to communicate with each other**. All the 3 peripheral SoMs can be powered on or off separately. With a [65W 2-Port PD charger](#), for Jetson Nano SoMs or a [90W 2-Port PD charger](#) for Jetson NX SoMs and one ethernet cable, developers can easily build their own Jetson Cluster.

PRODUCT DETAILS

SoM of Jetson Nano Developer Kit A02 will not work with Jetson Mate

Features

- Easy to build a GPU cluster with easy-to-follow guides provided
- All-in-one solution with a case, cooling fan in a compact form factor
- Can install up to 4 NVIDIA Jetson Nano/NX SoMs
- Onboard 5-port Gigabit switch for the SoMs to communicate with each other

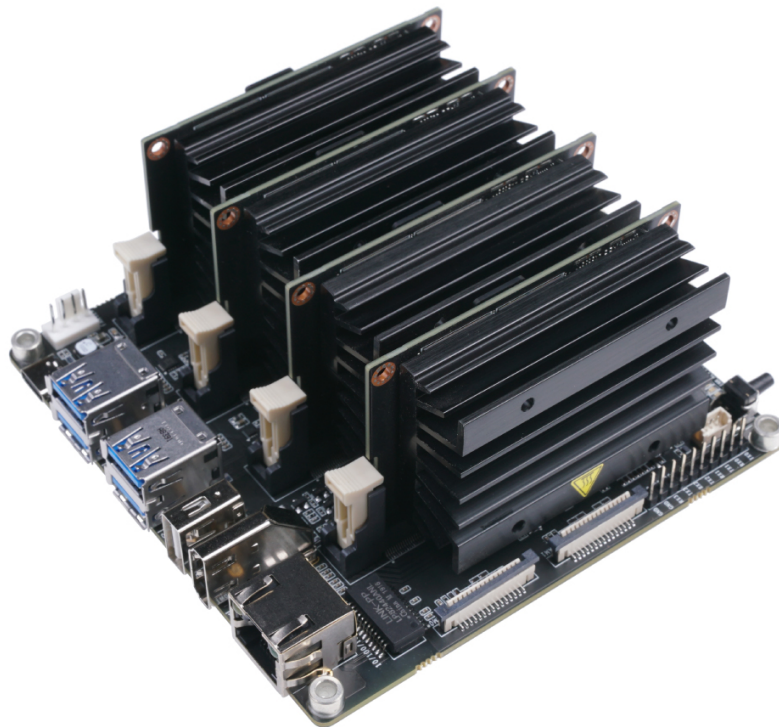
- One master node with 3 worker nodes with the ability to power on/off the worker nodes separately

Description

Jetson Mate Cluster Mini includes a Jetson Mate, a cooling fan, and a case. Jetson Mate is a carrier board in which you can install up to 4 NVIDIA Jetson Nano/NX SoMs. There is an onboard 5-port Gigabit switch enabling the 4 SoMs to communicate with each other. All the 3 peripheral SoMs can be powered on or off separately. With a 65W 2-Port PD charger, for Jetson Nano SoMs or a 90W 2-Port PD charger for Jetson NX SoMs, and one ethernet cable, developers can easily build their own Jetson Cluster.

The kit does not include a power adapter. Please use a 65W 2-Port PD charger, if you have Jetson Nano SoMs, and use a 90W 2-Port PD charger if you have Jetson NX SoMs

When all the SoMs are connected to Jetson Mate, it will look like below

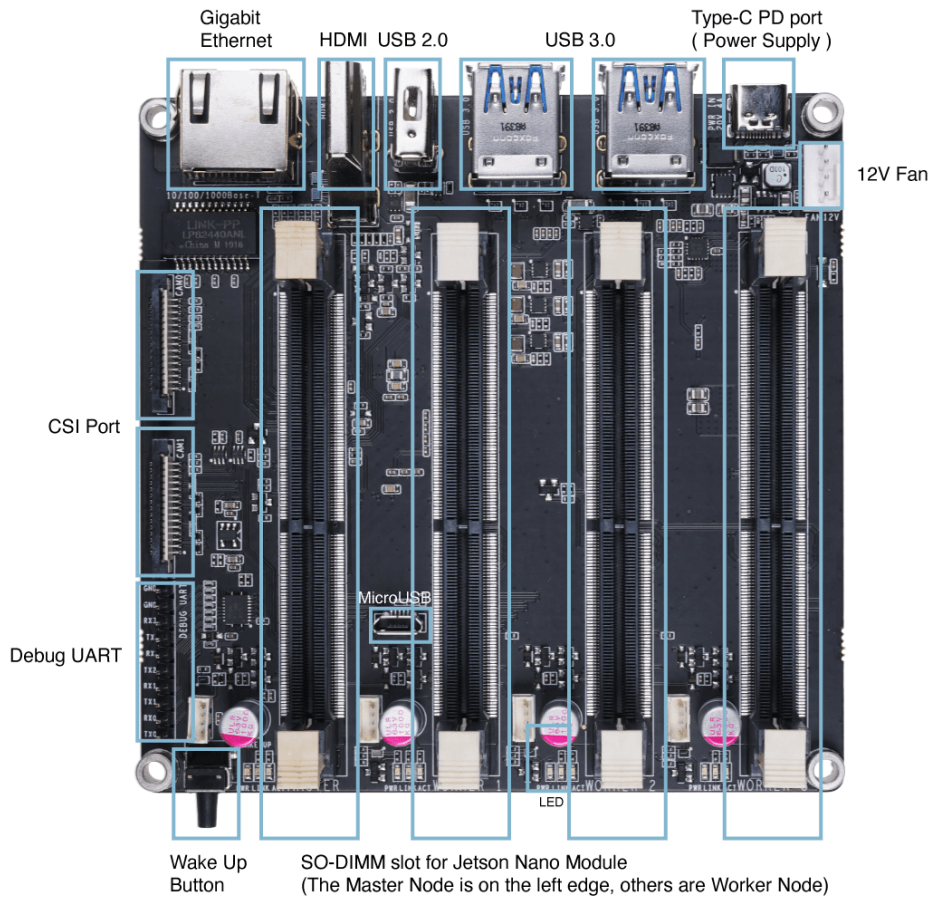


SoMs are not included in the package.

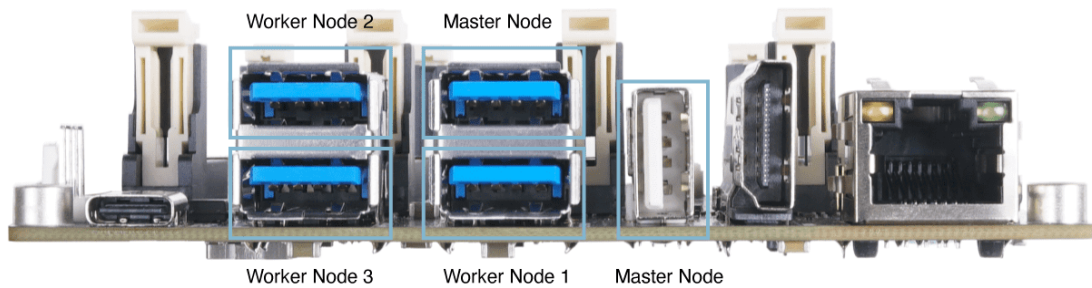
Applications

- GPU Server
- Homelab
- GPU Cluster

Hardware Overview



USB Mounting Guide



Specifications

Specification

Details

Onboard 5-Port Gigabit Switch Microchip KSZ9896CTXC

Power	65W PD for Jetson Nano SoMs 90W PD for Jetson NX SoMs
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Dimensions	110mm x 110mm
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At Seeed, you can also design your solution all in one page where you choose the desired SBC, any compatible mission board (HATs, expansions) that you want, I/O modules, and nicely place them in the suitable enclosures/cases such as re_computer case. Rest assured, as we have tested full compatibility for all of the products listed on the page. Try it now [here](#) and save you time to find hardware compatibility!



Part List:

- Jetson Mate x 1
- Jetson Mate Cooling Fan Top x 1
- Jetson Mate Case x 1

ECCN/HTS

HSCODE 8543909000

UPC