NVIDIA

Jetson Orin NX Series and Jetson Orin Nano Series

Supported Component List

Abstract:

The Supported Component List provides a list of third party components that NVIDIA has qualified to work with NVIDIA® Jetson™ modules.

If a particular component is not listed, it indicates that there are no current plans to validate that component at NVIDIA - it does not imply that the component will not work.

Contact the respective vendor for any additional information, specifications, drivers, software or additional licensing that may be required.

Supplier	Part Number	Description	Notes
Jetson Orin NX series or Jetson Orin Nano series Modules			
TE Connectivity Ltd.	2309413-1	260-pin, right angle, SO-DIMM socket, 9.2mm height, SMT, Standard key position.	See manufacturers website for information on pricing, distributors, specifications: https://www.te.com/usa-en/product-2309413-1.html?q=DDR4%2Bso-dimm&source=header
Dongguan Readore Technology Co.,Ltd	320-2048-000 155-1354-000 095-0181-000	Reference heatsink and attaching hardware: Leaf spring: 320-2048-000 Screws for leaf spring: 155-1354-000 Fan heatsink: 095-0181-000	Please consult the Jetson Orin NX Thermal Design Guide to help you decide what thermal solution is appropriate for your application. To purchase the reference thermal solution, contact: Quotation: Louis Lee (louis.lee@readore.com), Cell:+86 15016979434 Delivery: Kiki Wang (kiki.wang@readore.com), Cell: +86 13763258995 Technical/Business: Harrison Hao (harrison.hao@readore.com), Cell: +86 13925858091 Minimum order quantities are 50 pieces.
Crucial	CT250P2SSD8	P2 250GB 3D NAND NVMe PCIe M.2 SSD Up to 2400MB/s	See note 1
Western Digital	WDS500G2B0C	500GB WD Blue SN550 NVMe Internal SSD - Gen3 x4 PCIe 8Gb/s, M.2 2280, 3D NAND, Up to 2,400 MB/s	See note 1

Sabrent	SB-ROCKET-NVMe4-1TB	1TB Rocket NVMe 4.0 PCIe M.2 Internal SSD Extreme Performance Solid State Drive	Jetson Orin NX supports up to Gen4 PCIe. Jetson Orin Nano supports up to Gen3 PCIe. See note 1
Azurewave Tech.	AW-CB375NF	802.11 a/b/g/n/ac WIFI with Bluetooth 5.0 combo M.2 module	Validation was limited to functionality only, and included these modes of operation: STA, AP and IBSS. See note 1.

Notes

1) These can be supported in a carrier board design with an M.2 Key M for NVMe and M.2 Key E for Wifi Module, similar to the Jetson Xavier NX Developer Kit.
2) For carrier boards, sensors, connectivity, and more please reference solutions from our Jetson Partner Ecosystem:
https://developer.nvidia.com/embedded/ecosystem