

1U Short-Depth Rackmount Server for Edge Compute Use Cases

Supermicro SYS-111AD-WRN2



1U Short-Depth Edge Server with 14th Gen Intel® Core™ CPU

Supermicro's SYS-111AD-WRN2 is a 1U short-depth, air-cooled rackmount server with Intel's 14th Gen Intel® Core™ processor up to 80W TDP. It is designed with redundant power for IoT and edge compute applications such as virtualization, firewall, edge nodes for Content Delivery Networks (CDN) and Telco virtual RAN / open RAN.

The system can be configured up to a maximum system memory of 128GB 4400MT/s ECC/non-ECC DDR5 UDIMM. For storage, the system supports (2) internal fixed 2.5" NVMe/SAS/SATA drive bays.

The system supports rear I/O networking with (2) 2.5GbE LAN ports and (1) 1GbE dedicated BMC LAN port for IPMI remote management. It also provides multiple PCIe configurations: (2) PCI2 5.0x8 FHFL slots and (1) PCIe 4.0x4 Low profile slot enabling the deployment of (1) double-width or (1) single-width GPU for accelerated computing.

Cost-effective 1U server for general purpose edge computing applicable to multiple market verticals

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™ Processors



Intel® Arc™ GPU



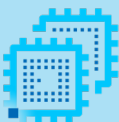
OpenVINO™ Toolkit



Intel® oneAPI Toolkit

Key Features

Empowered by Intel.



Support for CPUs up to 80W TDP (Air-Cooled)



Multiple PCIe Expansion Slots



IPMI for Remote Management



Rear I/O Networking

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Product Specifications

CPU	Single LGA-1700, 14th/13th/12th Gen Intel® Core™ i9/i7/i5/i3 Processors
Graphics	(1) double-width or (1) single-width GPU
Memory	(4) DIMM slots. Max Memory (2DPC): Up to 128GB 4400MT/s ECC/non-ECC DDR5 UDIMM
Storage	(2) internal fixed 2.5" NVMe/SAS/SATA drive bays or (2) M.2 NVMe slots (M-key 2280/22110)
Wireless Network	Available through an add-on module
LAN	(1) RJ45 1GbE Dedicated BMC LAN port and (2) RJ45 2.5 GbE LAN ports (Intel® Ethernet Controller I226-V)
Operating / Non-Operating Temp.	32°F to 104°F / -40°F to 158°F
Dimension (W x D x H)	17.2" x 16.9" x 1.7"
Weight	15.5 lbs
OS	Windows 11 Pro, Windows Server 2022, Ubuntu 22.04

Learn More

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