## 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 Al and Analytics at the Edge







OpenVINO™ Toolkit



#### **Key Features**

Empowered by Intel.







IPMI for Remote Management



Rear I/O Networking

### Supermicro SYS-111AD-WRN2







#### **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 1 GbE 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**

Supermicro SYS-111AD-WRN2

Intel technologies may require enabled hardware, software or service activation. // No product or component can be absolutely secure. // Your costs and results may vary. // Performance varies by use, configuration and other factors. // See our complete legal Notices and Disclaimers. // Intel is committed to respecting human rights and avoiding causing or contributing to adverse impacts on human rights. See Intel's Global Human Rights Principles. Intel's products and software are intended only to be used in applications that do not cause or contribute to adverse impacts on human rights.

© Intel Corporation. Intel, the Intel logo and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.