

Ideal for Enterprise and Telco Edge Compute Applications



Supermicro SYS-111E-FWTR



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

Supermicro's SYS-111E-FWTR is a 1U short-depth, air-cooled rackmount server with 5th Gen or 4th Gen Intel® Xeon® Scalable processors supporting 85W - 250W TDP. It is designed with redundant AC power for IoT and edge compute applications such as Edge AI and Telco virtual RAN / open RAN.

The system supports 8 DIMM slots with a maximum system memory up to 2TB 5600MT/s ECC DDR5 RDIMM. For storage, the system supports (2) internal fixed 2.5" SATA drive bays and optional (1) M.2 PCIe 3.0x2 NVMe slot (M-key 2280/22110)

The system supports front I/O networking with (2) RJ45 10GbE LAN ports (Intel® Ethernet Controller X550-AT2) and (1) RJ45 1GbE dedicated BMC LAN port for IPMI remote management. It also supports multiple PCIe configurations: (2) PCIe 5.0x16 FHFL slots and (1) PCIe 5.0x16 Low Profile slot.

**Short depth
system
with processing
power ideally
suited for multiple
edge compute
use cases**

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Xeon®
Processors



Intel® Ethernet



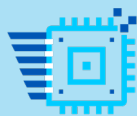
OpenVINO™
Toolkit



Intel® oneAPI
Toolkit

Key Features

Empowered by Intel.



Supporting CPU up to 250W TCP (Air-Cooled)



Two PCIe Expansion Slots



IPMI for Remote Management



Front I/O Networking

Supermicro SYS-111E-FWTR



Product Specifications

CPU	Single Socket E (LGA-4677), 5th Gen / 4th Gen Intel® Xeon® Scalable processors
Graphics	(1) Intel® Arc™ A-Series or Intel® Arc™ Pro A-Series Graphics
Memory	8 DIMM slots. Max Memory (1DPC): Up to 2TB 5600MT/s ECC DDR5 RDIMM
Storage	(2) internal fixed 2.5" SATA drive bays and optional (1) M.2 PCIe 3.0x2 NVMe slot (M-key 2280/22110)
Wireless Network	Requires use of an add-on card
LAN	(2) RJ45 10 GbE LAN ports (Intel® Ethernet Controller X550-AT2) and (1) RJ45 1 GbE Dedicated BMC LAN port
Operating / Storage 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	10 lbs
OS	RHEL 9.2, Oracle Linux 9.2, Ubuntu 22.04

Learn More

[Supermicro SYS-111E-FWTR](#)