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

SYS-112B-FWT

Compact Server with Intel® Xeon® 6 Processors and Two Full PCIe Slots

Supermicro's SYS-112B-FWT is a 1U short-depth, air-cooled rackmount server with Intel® Xeon® 6 Scalable processors supporting 85W - 250W TCP. 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.

Key Features

Air-Cooled CPU 250W	Dual Full-Size PCIe Slots	IPMI Remote Management	Front I/O Networking

Intel Products & Technology

Intel® Xeon® Scalable Processors	Intel® Ethernet	OpenVINO™ Toolkit	Intel® Arc™ Graphics	Intel® oneAPI Toolkit

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