IoT SuperServer SYS-111AD-WRN2

1U UP short-depth edge server with 2 internal 2.5" drive bays and PCIe 5.0

More details here

Key Applications

Virtualization, Firewall Applications, Edge/Cloud Computing Services, CDN/vCDN/Cloud CDN, vRAN/o-RAN,



Key Features

- Intel® 14th/13th/12th Gen Core i9/i7/i5/i3 (ADL/RPL-S) Processor in LGA1700 Socket with R680E Chipset;
- 4 DIMM slots, DDR5-4400MHz memory, support up to 128GB;
- 1x dedicated IPMI LAN, 2x 2.5GbE BaseT LAN ports via Intel® I226 Controller;
- 800W 100-240Vac Platinum Single Power Supply (can be upgraded to redundant power supply);

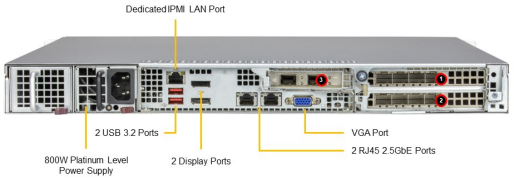
Form Factor	1U Rackmount Enclosure: 437 x 43 x 429mm (17.2" x 1.7" x 16.9") Package: 686 x 203 x 610mm (27" x 8" x 24")
Processor	Single LGA-1700 14th/13th/12th Gen Intel® Core™ i9/i7/i5/i3 Processors
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 128GB 4400MT/s ECC/non-ECC DDR5 UDIMM
Drive Bays Configuration	Default: Total 2 bay(s) • 2 internal fixed 2.5" NVMe/SAS/SATA drive bay(s) M.2: 2 M.2 NVMe slot(s) (M-key 2280/22110) 1 M.2 PCIe 3.0 x4 NVMe slot(s) (M-key 2280) 1 M.2 PCIe 4.0 x4 NVMe slot(s) (M-key 2280/22110)
Expansion Slots	Default • 2 PCIe 5.0 x8 FHFL slot(s) • 1 PCIe 4.0 x4 LP slot(s) Option A • 1 PCIe 5.0 x16 (in x16) FHFL double-width slot(s) • 1 PCIe 4.0 x4 (in x8) HHHL slot(s)
On-Board Devices	Chipset: Intel® R680E Network Connectivity: 2 RJ45 2.5GbE with Intel® I226
Input / Output	LAN: 1 RJ45 1 GbE Dedicated IPMI LAN port(s) 2 RJ45 2.5 GbE LAN port(s) (Intel® I226) USB: 2 port(s) Video: 1 VGA port(s) 2 DisplayPort 1.4a port(s)

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(Front View – System)



(Rear View – System)



	Slot Description
1	PCIe 5.0 x16 FHFL (x8 if Slot 2 occupied)
2	PCIe 5.0 x8 FHFL
3	PCIe 4.0 x4 HHHL

System Cooling	Fans: 5 Heavy duty counter-rotating 4cm Fan(s)
Power Supply	1x 800W Redundant power supply
System BIOS	BIOS Type: AMI 32MB SPI Flash BIOS Features: ACPI 6.5 SMBIOS 3.6 or later UEFI 2.8 Plug and Play (PnP) USB Keyboard support
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
PC Health Monitoring	Temperature: SuperDoctor® 5 System resource alert via SuperDoctor®5 Platform Environment Control Interface (PECI) 3.0 support
Dimensions and Weight	Weight: Gross Weight: 25.2 lbs (11.43 kg) Available Color: No Paint
Operating Environment	Operating Temperature: 0°C ~ 40°C (32°F ~ 104°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	**Super X13SAW-F**
Chassis	**CSE-514-R00RWNP**

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