

UP SuperServer SYS-511E-WR

1U UP WIO with 4 hot-swap 3.5" SAS/SATA bays and 3 PCIe 5.0 slots

Key Applications

Virtualization, Cloud Computing, Data Center Optimized, Entry GPU server, Value IaaS,

Key Features

- Single Socket E (LGA-4677) 4th/5th Gen Intel® Xeon® Scalable processors. Up to 300W TDP;
- Intel[®] C741 Chipset;
- 8 DIMMs; Supports 3DS DDR5 RDIMM. Up to 5600 MHz;
- Onboard 1G LAN ports (Intel[®] i210), 1 dedicated IPMI LAN;
- 4x front hot-swap 3.5" SATA3 drive bays, SAS3 with additional SAS controller card;
- Redundant Now Titanium 860W Power Supplies;





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Form Factor	1U Rackmount
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	Enclosure: 437 x 43 x 650mm (17.2" x 1.7" x 25.6")
	Package: 597 x 216 x 856mm (23.5" x 8.5" x 33.7")
Processor	Single Socket E (LGA-4677)
	5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors
	Up to 52C/104T; Up to 300MB Cache
GPU	Max GPU Count: Up to 1 double-width or 2 single-width GPU(s)
	Supported GPU: NVIDIA PCIe: RTX A4000, L4, A2, A10
	CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect
System Memory	Slot Count: 8 DIMM slots/8 Channels
	Max Memory (1DPC): Up to 2TB 5600MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 4 bay(s)
	• 4 front hot-swap 3.5" SAS*/SATA drive bay(s)
	(*SAS support may require additional storage controller and/or cables, please see the optional parts list for
	details)
	M.2: 1 M.2 PCIe 3.0 x2 NVMe slot(s) (M-key 2280/22110)
	Peripheral Bays: 2 2.5" peripheral bay(s) (optional)
Expansion Slots	Default
	• 2 PCIe 5.0 x16 FHFL slot(s)
	• 1 PCIe 5.0 x8 (in x16) LP slot(s)
On-Board Devices	SATA: SATA (6Gbps) ; RAID 0/1/5/10 support
	Chipset: Intel [®] C741
	Network Connectivity: 2 RJ45 1GbE with Intel® I210
Input / Output	LAN: 2 RJ45 1 GbE LAN port(s)
	1 RJ45 1 GbE Dedicated BMC LAN port(s) (IPMI shared on LAN port 1)
	USB 3.2 Gen1 Type-A port(s) (rear)
	2 USB 2.0 Type-A port(s) (rear)
	1 USB 2.0 Type-A port(s) (Header)
	2 USB 3.2 Gen1 port(s) (Header)
	Video: 1 VGA port(s)
	Serial: 1 COM port(s) (Rear)
	boo(o) ()
	1 COM port(s) (Header)



