

Morenci 2SP

HCI / VDI server

Morenci 2SP is a **2U server** supporting **Intel® Xeon® Scalable Processors**.
The latest server to **provide a desktop cloud infrastructure** with deeply **converged hardware and software**, making desktop user experience **smooth, stable, secured and efficient**.

DESIGN PRINCIPLES

- Start with 2 nodes and flexibility scale out on demand, significantly lowering entry threshold.
- External storage arrays reuse, maximizing the value of existing investment.
- Supports 1st and 2nd Generation Intel® Xeon® Scalable Processors.



TOP APPLICATIONS



Virtual Desktop
Infrastructures



Hyperconverged
Infrastructures

KEY BENEFITS

- Easy implementation
- Flexible design
- Optimized performance

KEY FEATURES

Unique solution which supports :

- 1st and 2nd Generation Intel® Xeon® Scalable Processors
- Up to 12x 3.5" or 2.5" hot-swap bays
- High memory availability up to 24 DIMM slots max 7.6TB
- VDI license 50 users
- 3 years support (advanced part)

OVERVIEW

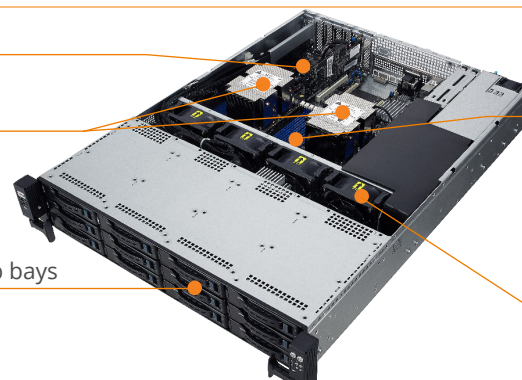
Motherboard

CPU

12x DIMM DDR4 for each CPU

12x 3.5" or 2.5" hot-swap bays

Fan system



SPECIFICATIONS

System		Server management	
Model	Morenci 2SP	BMC	On-Board ASMB9-iKVM for KVM-over-IP
Form Factor	2U	Chipset	Aspeed® AST2500
Dimension	750 x 444 x 88mm 29,52" x 17,48" x 3,46" (D x W x H)	TPM	-
Sled	-	Front I/O	
Weight	23,25 kg (51,26 lbs)	Buttons	-
Storage		LEDs	-
Front type	12x 3.5" or 2.5" hot-swap bays (8x SATA/SAS + 4x SATA/SAS/NVMe)	Port	2x USB 2.0
Rear type	2x 2.5" hot-swap bays (2x SATA/NVMe)	Back I/O	
Motherboard		Buttons	-
CPU	1 st and 2 nd Gen. Intel® Xeon® Scalable Processor Family	LEDs	-
Chipset	Intel® C621	Port	2x USB 3.0 1x VGA 2x RJ45 GbE LAN 1x RJ45 Mgmt LAN
Expansions slots	2x PCIe x16 (Gen3 x8 link) or 1x PCIe x16 (Gen3 x16 link), FH, HL (CPU1) 4x PCIe x16 (Gen3 x8 link) or 2x PCIe x16 (Gen3 x16 link), FH, HL (CPU2) 1x PCIe x16 (Gen3 x16 link), LP, HL (CPU2) 1x PCIe x16 (Gen3 x8 link), FH, HL (CPU1) 1x OCP 2.0 Mezzanine (Gen3 x16 link) (CPU1)	System Cooling	
M.2 connector	2x M.2 (22110, 2280, 2260, 2242) (Support SATA/PCIe M.2,SATA RAID)	Fans	Air cooling
Network	1x Dual Port Intel® I350-AM2 Gigabit LAN controller 1x Mgmt LAN	Power Input	
Processor		Type	1+1 Redundant 800W 80 PLUS Platinum Power Supply 850W 80 PLUS Titanium Power Supply
Socket type	Up to 2 Socket P (LGA 3647)	Input Range	100-127Vac/200-240Vac, 10A/5A, 50/60Hz, Class I
Supported CPU	2x Intel® 4216 (16C 32T)	Warranty	
TDP	205 W	Length	3 years support (advanced part)
Memory		Operating Environment	
Quantity	24x DDR4 RDIMM, LRDIMM, LR-DIMM 3DS	RoHS	-
Speed	Up to 7680 GB RDIMM	Temperature	Operating temperature: 10°C to 35°C Non-operating temperature: -40°C to 60°C
Channels	24 (6 channel per CPU, 12 DIMM per CPU)	Humidity	Non operation humidity: 20% ~ 90% (Non condensing)