

# Sierrita 2SP

## HCI / VDI server

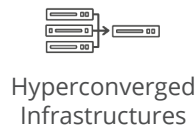
**Sierrita 2SP is a 1U server supporting Intel® Xeon® Scalable Processors.**  
The latest server to **provide a desktop cloud infrastructure** with deeply **converged hardware and software**, making desktop user experience **smooth, stable, secured and efficient**.

### 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 1<sup>st</sup> and 2<sup>nd</sup> Generation Intel® Xeon® Scalable Processors.



### TOP APPLICATIONS



### KEY BENEFITS

- Easy implementation
- Flexible design
- Optimized performance

### KEY FEATURES

Unique solution which supports :

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

### OVERVIEW

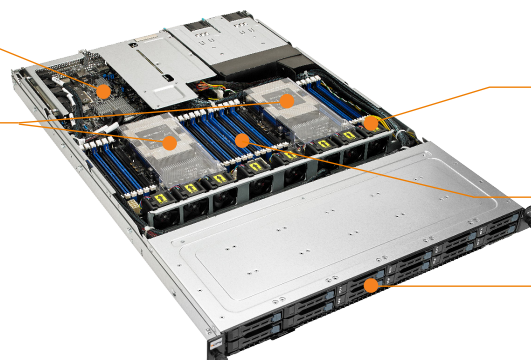
Motherboard

CPU

Fan system

12x DIMM DDR4 for each CPU

12x 2.5" SSD



## SPECIFICATIONS

### System

<b>Model</b>	Sierrita 2SP
<b>Form Factor</b>	1U
<b>Dimension</b>	686 x 444 x 44mm 27" x 17,48" x 1,73" (D x W x H)
<b>Sled</b>	-
<b>Weight</b>	18,35 kg (40,45 lbs)

### Storage

<b>Front type</b>	12x 2.5" hot-swap bays Hybrid storage with up to 8x NVMe, 8x SAS and 10x SATA
<b>Rear type</b>	-

### Motherboard

<b>CPU</b>	1 <sup>st</sup> and 2 <sup>nd</sup> Gen. Intel® Xeon® Scalable Processor Family
<b>Chipset</b>	Intel® C621
<b>Expansions slots</b>	1x PCIe x16 (Gen3 x16 link), FH, HL (CPU1) 1x PCIe x16 (Gen3 x8 link), LP, HL (CPU2) 1x PCIe x8 (Gen3 x8 link), LP, HL (CPU2) 1x OCP 2.0 Mezzanine (Gen3 x16 link) (CPU1)
<b>M.2 connector</b>	2x M.2 (22110, 2280, 2260, 2242) (Support SATA/PCIe M.2,SATA RAID)
<b>Network</b>	1x Dual Port Intel® I350-AM2 Gigabit LAN controller 1x Mgmt LAN

### Processor

<b>Socket type</b>	Up to 2 Socket P (LGA 3647)
<b>Supported CPU</b>	2x Intel® 4216 (16C 32T)
<b>TDP</b>	-

### Memory

<b>Quantity</b>	24x DDR4 RDIMM, LRDIMM, LR-DIMM 3DS
<b>Speed</b>	Up to 3072 GB LR-DIMM 3DS
<b>Channels</b>	24

### Server management

<b>BMC</b>	On-Board ASMB9-iKVM for KVM-over-IP
<b>Chipset</b>	Aspeed® AST2500
<b>TPM</b>	-

### Front I/O

<b>Buttons</b>	-
<b>LEDs</b>	-
<b>Port</b>	-

### Back I/O

<b>Buttons</b>	-
<b>LEDs</b>	-
<b>Port</b>	2x USB 3.0 1x VGA 2x RJ45 GbE LAN 1x RJ45 Mgmt LAN

### System Cooling

<b>Fans</b>	Air cooling
-------------	-------------

### Power Input

<b>Type</b>	1+1 Redundant 800W 80 PLUS Platinum Power Supply
<b>Input Range</b>	100-127/200-240Vac, 9.4A/4.72A, 47-63Hz Class I

### Warranty

<b>Length</b>	3 years support (advanced part)
---------------	---------------------------------

### Operating Environment

<b>RoHS</b>	-
<b>Temperature</b>	Operating temperature: 10°C to 35°C Non-operating temperature: -40°C to 60°C
<b>Humidity</b>	Non operation humidity: 20% ~ 90% (Non condensing)