

Bingham Canyon 2SP

HCI / VDI server

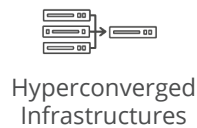
Bingham Canyon 2SP is a 2U server supporting **Intel® Xeon® Scalable Processors**. The latest server to **provide a desktop cloud infrastructure** with deeply **converged hardware and software**, making desktop user experience **smooth, stable, secured and efficient**.

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



KEY BENEFITS

- Easy implementation
- Flexible design
- Optimized performance

KEY FEATURES

Unique solution which supports :

- 1st and 2nd Generation Intel® Xeon® Scalable Processors
- Up to 8x hot swap 3.5" HDD bays
- High memory availability up to 16 DIMM slots max 2TB
- VDI license 50 users
- 3 years support (advanced part)

OVERVIEW

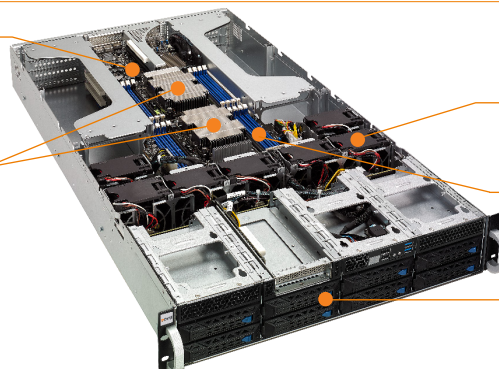
Motherboard

CPU

Fan system

8x DIMM DDR4 for each CPU

8x 3.5" HDD



SPECIFICATIONS

System

Model	Bingham Canyon 2SP
Form Factor	2U
Dimension	800 x 440 x 88mm 31,50" x 17,22" x 3,46" (D x W x H)
Sled	-
Weight	-

Storage

Front type	8x hot-swap 3.5" HDD bays
Rear type	-

Motherboard

CPU	1 st and 2 nd Gen. Intel® Xeon® Scalable Processor Family
Chipset	Intel® C621
Expansions slots	8x PCIe 3.0 x16 (4 at x16 Link or 8 at x8 Link) (2 from CPU1 and 2 from CPU2 or 4 from CPU1 and 4 from CPU2)
M.2 connector	1x M.2 (2280/2260) (Support SATA 6Gb/s and PCIe® Gen3 x4 link)
Network	1x Dual Port Intel® I350-AM2 Gigabit LAN controller 1x Mgmt LAN

Processor

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

Memory

Quantity	16x DDR4 RDIMM, LRDIMM, LR-DIMM 3DS
Speed	Up to 2048 GB LR-DIMM
Channels	6 per CPU (8 DIMM per CPU)

Server management

BMC	On-Board ASMB9-iKVM for KVM-over-IP
Chipset	Aspeed® AST2500
TPM	-

Front I/O

Buttons	-
LEDs	-
Port	2x USB 3.0 2x USB 2.0

Back I/O

Buttons	-
LEDs	-
Port	2x USB 3.0 1x VGA 1x RJ45 Mgmt LAN 2x RJ45 GbE LAN

System Cooling

Fans	Air cooling
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Power Input

Type	1+1 Redundant 1600W 80 PLUS Platinum Power Supply
Input Range	100-127Vac, 12.9A, 1000W 200-240Vac, 9.5A, 1600W

Warranty

Length	3 years support (advanced part)
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Operating Environment

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