

A close-up, low-angle shot of a microscope's objective lens and stage. The lens is positioned above a small, rectangular, translucent sample block. The background is dark and out of focus, with some blue and green light reflecting off the microscope's components. The overall tone is professional and scientific.

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FROM VISION TO REALITY

Innovation Empowered

Lawrence Lin

Marketing, EPBU

CONFIDENTIAL
INFORMATION



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Product Lines



General Purpose



- ✓ 1U & 2U offerings
- ✓ Design for complexity
- ✓ Reliability quality



Dense



- ✓ 2U 4Node systems
- ✓ Covering Intel and AMD platform



MEC



- ✓ Design for 5G infrastructure
- ✓ High performance to meet NFV requirements
- ✓ NEBS capability



Storage



- ✓ Application optimized storage
- ✓ Easy scale-out deployment



General Purpose



CPU	Dual 2 nd Gen Intel® Xeon® Processor Scalable Family, up to 165W*
Dimensions	438mm (W) x 735mm (D) x 43mm (H)
Chipset	Intel® Lewisburg C621
Memory	DIMM Type: DDR4 RDIMM/LRDIMM (up to 2933 MT/s) DIMM Count: 24 DIMM Slots
Storage	Front : <ul style="list-style-type: none"> • 4 * 3.5" SATA/SAS • 10 * 2.5" SATA/SAS • 2 * 2.5" SATA/SAS + 8 * 2.5" SAS/SATA/NVMe Internal : <ul style="list-style-type: none"> • 2 * M.2 (Type 2280) • - All drives support Hot-Swap
PCIe Slot	<ul style="list-style-type: none"> • 1 * FHHL PCIe Gen3 x16 • 2 * HHHL PCIe Gen3 x 8 • 1 * OCP 2.0 (Connector A)
BMC	ASPEED AST 2500
I/O ports	<ul style="list-style-type: none"> • 1 * VGA ports (Rear) • 2 * USB 3.0 ports (Rear) • 1 * USB 3.0 ports (Internal) • 1 * Serial port (Rear) • 1 * 1GbE Management port (Rear) • 1 * TPM 2.0 (optional)
Power Supply	<ul style="list-style-type: none"> • 550W 1+1 Redundant, Platinum • 800W 1+1 Redundant, Platinum

Processor

- Dual Socket P (LGA 3647) support: Intel® Xeon® Processor Scalable Family, up to 165W

Memory

- 24 x RDIMM/LRDIMM slots
- DDR4 RDIMM/LRDIMM (2933 MT/s)
- 8, 16, 32, 64, 128 GB DIMMs (max 3TB)

Chipset

- Intel Lewisburg C621

HDD

Front

- 4 * 3.5" HS SATA/SAS
- 10 * 2.5" HS SATA/SAS
- 2 * HS SATA/SAS + 8 * 2.5" HS SATA/SAS/NVMe

Internal

- 2 * M.2 (Type: 2280)

I/O Expansion

- 1 * FHHL PCIe Gen3 x16
- 1 * HHHL PCIe Gen3 x8
- 1 * HHHL PCIe Gen3 x8
- 1 * OCP 2.0 (Connector A)

Front I/O

- 1 * Power Button with LED
- 1 * UID Button with LED
- 1 * Reset Button

Rear I/O

- 1 * VGA
- 2 * USB 3.0
- 1 * RJ-45 1Gb for dedicated management
- 1 * UID button w/ UID LED
- 1 * Power button w/ power LED
- 1 * COM Port

Management

- BMC Web UI
- IPMI 2.0 compliant
- iKVM support
- Redfish support

Security

- TPM 2.0 (Optional Module)

Cooling

- 6 easy swap system fans

Operating Environment *

- Operating Temp. 10° C ~ 35° C
- Non-operating Temp. - 20° C ~ 65° C
- In/Non-operating Humidity 90%, non-condensing at 35° C

Chassis

- 1U Rackmount
- 735mm (D) x 438mm (W) x 43mm(H)

PSU

- 1+1 Redundant
- Auto ranging input
- 550W, 800W 80 Plus Platinum
- 240/336 HVDC support

OS support

- Windows Server 2016
- RedHat Enterprise Linux 7.3

* Depends on configuration



General Purpose



CPU	Dual 3rd Gen Intel Xeon® Scalable Processors Support Ice Lake Processors, up to 185W*
Dimensions	438mm (W) x 735mm (D) x 43mm (H)
Chipset	Intel® Lewisburg C621A
Memory	DIMM Type: DDR4 RDIMM/LRDIMM (up to 3200 MT/s) DIMM Count: 32 DIMM Slots
Storage	Front : <ul style="list-style-type: none"> • 10 * 2.5" SATA/SAS • 2 * 2.5" SATA/SAS + 8 * 2.5" SAS/SATA/NVMe Internal <ul style="list-style-type: none"> • 2 * M.2 (Type 2280) <p>- All drives support Hot-Swap</p>
PCIe Slot	<ul style="list-style-type: none"> • 1 * FHHL Gen4 x16 • 1 * HHHL Gen4 x16 • 1 * HHHL Gen4 x8 • 1 * OCP 2.0 (Connector A)
I/O ports	<ul style="list-style-type: none"> • 1 * VGA ports (Rear) • 2 * UID Button(1 * Front + 1 * Rear) • 1 * Power Button (Front) • 2 * USB 3.0 ports (Rear) • 2 * USB 3.0 ports (Front) • 1 * USB 3.0 port Type-A (Internal) • 1 * Serial port (Rear) • 2 * 1GbE, 1 * 1GbE Management port (Rear) • 1 * TPM 2.0 (optional)
Power Supply	<ul style="list-style-type: none"> • 800W 1+1 Redundant, Platinum • 1200W 1+1 Redundant, Platinum

* Depends on configuration

Processor

- Dual 3rd Gen Intel® Xeon® Scalable Processors support Ice Lake CPU, Up to 185W*

Memory

- 32 x RDIMM/LRDIMM slots
- DDR4 RDIMM/LRDIMM (3200 MT/s)
- 8, 16, 32, 64, 128 GB DIMMs(max 4TB)

Chipset

- Intel Lewisburg C621A

HDD

Front

- 10 * 2.5" HS SATA/SAS
- 2 * HS SATA/SAS + 8 * 2.5" HS SATA/SAS/NVMe

Internal

- 2 * M.2 (Type: 2280/22110)

Internal I/O

- 1 * USB 3.0

I/O Expansion

- 1 * FHHL PCIe Gen4 x16
- 1 * HHL PCIe Gen4 x16
- 1 * HHL PCIe Gen4 x8
- 1 * OCP 2.0 (Connector A)

Front I/O

- 1 * Power Button with LED
- 1 * UID Button with LED
- 2 * USB 3.0

Rear I/O

- 1 * VGA
- 2 * USB 3.0
- 1 * RJ-45 1Gb for dedicated management
- 2 * RJ-45 1Gb Networking
- 1 * UID button w/ UID LED
- 1 * COM Port

Management

- BMC Web UI
- IPMI 2.0 compliant
- iKVM support
- Redfish support

Security

- TPM 2.0 (Optional Module)

Cooling

- 7 * 4056 system fans

Operating Environment *

- Operating Temp. 5° C ~ 35° C
- Non-operating Temp. - 20° C ~ 65° C
- In/Non-operating Humidity 90%, non-condensing at 35° C

Chassis

- 1U Rackmount
- 735mm (D) x 438mm (W) x 43mm(H)

PSU

- 1+1 Redundant
- Auto ranging input
- 800W, 1200W 80 Plus Platinum/Titanium
- 240V HVDC and 220V AC support, AC+AC, AC+DC, DC+DC mode

OS support

- Windows Server 2019
- RedHat Enterprise Linux 7.9
- CentOS 7.9
- VMware EXSi 7.0 U1



General Purpose



CPU	Dual 3 rd Gen Intel® Xeon® Scalable Processors, support Ice Lake Processors, up to 185W*
Dimensions	438mm (W) x 735mm (D) x 43mm (H)
Chipset	Intel® Lewisburg C621A
Memory	DIMM Type: DDR4 RDIMM(up to 3200 MT/s) DIMM Count: 16 DIMM Slots
Storage	Front : <ul style="list-style-type: none"> • 4 * 3.5" SATA/SAS • 10 * 2.5" SATA/SAS • 2 * 2.5" SATA/SAS + 8 * 2.5" SAS/SATA/NVMe <p>- All drives support Hot-Swap</p>
PCIe Slot	General SKU : <ul style="list-style-type: none"> • 1 * FHHL Gen4 x16 • 1 * HHHL Gen4 x16 • 1 * HHHL Gen4 x8 Other : <ul style="list-style-type: none"> • 1 * OCP 2.0 (Connector A)
I/O ports	<ul style="list-style-type: none"> • 1 * VGA ports (Rear) • 2 * UID Button(1 * Front + 1 * Rear) • 1 * Power Button (Front) • 2 * USB 3.0 ports (Rear) • 2 * USB 3.0 ports (Front) • 1 * USB 3.0 port Type-A (Internal) • 1 * Serial port (Rear) • 2 * 1GbE, 1 * 1GbE Management port (Rear) • 1 * TPM 2.0 (optional)
Power Supply	<ul style="list-style-type: none"> • 750W 1+1 Redundant, Platinum

Processor

- Dual 3rd Gen Intel® Xeon® Scalable Processors support Ice Lake CPU, up to 185W*

Memory

- 16 x RDIMM slots
- DDR4 RDIMM (up to 3200 MT/s)
- 8, 16, 32, 64, 128 GB DIMMs (max 2TB)

Chipset

- Intel Lewisburg C621A

HDD

Front

- 4 * 3.5" HS SATA/SAS
- 10 * 2.5" HS SATA/SAS
- 2 * 2.5" HS SATA/SAS + 8 * 2.5" SATA/SAS/NVMe

I/O Expansion

- 1 * FHHL PCIe Gen4 x16
- 1 * HHHH PCIe Gen4 x16
- 1 * HHHH PCIe Gen4 x8
- 1 * OCP 2.0 (Connector A)

Internal I/O

- 1 * USB 3.0

Front I/O

- 1 * Power Button with LED
- 1 * UID Button with LED
- 2 * USB 3.0

Rear I/O

- 1 * VGA
- 2 * USB 3.0
- 1 * RJ-45 1Gb for dedicated management
- 2 * RJ-45 1Gb Networking
- 1 * UID button w/ UID LED
- 1 * COM Port

Management

- BMC Web UI
- IPMI 2.0 compliant
- iKVM support
- Redfish support

Security

- TPM 2.0 (Optional Module)

Cooling

- 5 * 4056 system fans

Operating Environment *

- Operating Temp. 5° C ~ 35° C
- Non-operating Temp. - 20° C ~ 65° C
- In/Non-operating Humidity 90%, non-condensing at 35° C

Chassis

- 1U Rackmount
- 735mm (D) x 438mm (W) x 43mm(H)

PSU

- 1+1 Redundant Hot-Swap
- Auto ranging input
- 750W 80 Plus Platinum
- 240V HVDC and 220V AC support, AC+AC, AC+DC, DC+DC mode

OS support

- Windows Server 2019
- RedHat Enterprise Linux 7.9
- CentOS 7.9
- VMware EXSi 7.0 U1

* Depends on configuration



General Purpose



CPU	Dual 2 nd Gen Intel® Xeon® Processor Scalable Family, up to 205W*	
Dimensions	438mm (W) x 735mm (D) x 87mm (H)	
Chipset	Intel® Lewisburg C621	
Memory	DIMM Type: DDR4 RDIMM/LRDIMM (up to 2933 MT/s) DIMM Count: 24 DIMM Slots	
Storage	<p>Front :</p> <ul style="list-style-type: none"> • 12 * 3.5" SATA/SAS (4* SAS/SATA/NVMe) • 24 * 2.5" SATA/SAS <p>Rear :</p> <ul style="list-style-type: none"> • 2 * 2.5" SATA/SAS <p>Internal :</p> <ul style="list-style-type: none"> • 2 * M.2 (Type 2280) <p>- All drives support Hot-Swap</p>	
PCIe Slot	<p>General SKU</p> <ul style="list-style-type: none"> • 2 * FHFL PCIe Gen3 x8 • 2 * FHFL PCIe Gen3 x8 • 2 * FHHL PCIe Gen3 x8 • 1 * HHHL PCIe Gen3 x8 • 1 * OCP 2.0 (Connector A) 	<p>GPU SKU</p> <ul style="list-style-type: none"> • 2 * FHFL(DW) PCIe Gen3 x16 • 2 * FHHL PCIe Gen3 x8 • 1 * HHHL PCIe Gen3 x8 • 1 * OCP 2.0 (Connector A)
BMC	ASPEED AST 2500	
I/O ports	<ul style="list-style-type: none"> • 2 * VGA ports (1 * Front + 1 * Rear) • 2 * USB 3.0 ports (Rear) • 2 * USB 3.0 ports (Front) • 1 * Serial port (Rear) • 1 * 1GbE Management port (Rear) • 1 * TPM 2.0 (optional) 	
Power Supply	<ul style="list-style-type: none"> • 550W 1+1 Redundant, Platinum • 800W 1+1 Redundant, Platinum 	

Processor

- Dual Socket P (LGA 3647) support: Intel® Xeon® Processor Scalable Family, up to 205W

Memory

- 24 * RDIMM/LRDIMM slots
- DDR4 RDIMM/LRDIMM (2933 MT/s)
- 8, 16, 32, 64, 128 GB DIMMs (max 3TB)

Chipset

- Intel Lewisburg C621

HDD**Front**

- 24 * 2.5" HS SATA/SAS
- 8 * 3.5" HS SATA/SAS + 4 * 2.5" HS SATA/SAS/NVMe

Rear

- 2 * 2.5" HS SATA/SAS

Internal

- 2 * M.2 (Type: 2280)

I/O Expansion**General SKU**

- 2 * FHFL PCIe Gen3 x8
- 2 * FHFL PCIe Gen3 x8
- 2 * FHHL PCIe Gen3 x8
- 1 * HHHL PCIe Gen3 x8
- 1 * OCP 2.0 (Connector A)

GPU SKU

- 2 * FHFL(DW) PCIe Gen3 x16
- 2 * FHHL PCIe Gen3 x8
- 1 * HHHL PCIe Gen3 x8
- 1 * OCP 2.0 (Connector A)

Front I/O

- 1 * Power Button with
- 1 * UID Button with
- 1 * Reset Button
- 2 * USB 3.0
- 1 * VGA

Rear I/O

- 1 * VGA
- 2 * USB 3.0
- 1 * RJ-45 1Gb for dedicated management
- 1 * UID button w/ UID LED
- 1 * Power button w/ power LED
- 1 * COM Port

Management

- BMC Web UI
- IPMI 2.0 compliant
- iKVM support
- Redfish support

Security

- TPM 2.0 (Optional Module)

Cooling

- 6 Hot swappable system fans

Operating Environment*

- Operating Temp. 10° C ~ 35° C
- Non-operating Temp. - 20° C ~ 65° C
- In/Non-operating Humidity 90%, non-condensing at 35° C

Chassis

- 2U Rackmount
- 735mm (D) x 438mm (W) x 87mm(H)

PSU

- 1+1 Redundant
- Auto ranging input
- 550W, 800W 80 Plus Platinum
- -48 240/336 HVDC support

OS support *

- Windows Server 2016, 2019
- RedHat Enterprise Linux 7.3, 7.9
- CentOS 7.9
- VMware EXSi 7.0 U1

* Depends on configuration



SR210-2 2U2P server

CPU	Dual 3 rd Gen Intel Xeon® Scalable Processors support Ice Lake Processors, up to 270W*		
Dimensions	438mm (W) x 735mm (D) x 87mm (H)		
Chipset	Intel® Lewisburg C621A		
Memory	DIMM Type: DDR4 RDIMM/LRDIMM (up to 3200 MT/s) DIMM Count: 32 DIMM Slots		
Storage	<p>Front :</p> <ul style="list-style-type: none"> • 4 * 3.5" SATA/SAS + 8 * 3.5" SAS/SATA/NVMe • 24 * 2.5" SATA/SAS • 8 * 2.5" NVMe + 16 * 2.5" SATA/SAS <p>Rear :</p> <ul style="list-style-type: none"> • 2 * 2.5" SATA/SAS • 4 * 3.5" SATA/SAS (Storage SKU only) <p>Internal :</p> <ul style="list-style-type: none"> • 2 * M.2 (Type 2280/22110) <p>- All drives support Hot-Swap</p>		
PCIe Slot	<p>General SKU :</p> <ul style="list-style-type: none"> • 2 * FHFL PCIe Gen4 x16 • 2 * FHFL PCIe Gen4 x8 • 2 * FHHL PCIe Gen4 x8 • 1 * HHHL PCIe Gen4 x8 • 1 * OCP 2.0(Connector A) 	<p>GPU SKU :</p> <ul style="list-style-type: none"> • 2 * FHFL(DW) PCIe Gen4 x16 • 2 * FHHL PCIe Gen4 x16 • 1 * HHHL PCIe Gen4 x8 • 1 * OCP 2.0 (Connector A) 	<p>Storage SKU(16 x 3.5" HDD) :</p> <ul style="list-style-type: none"> • 2 * HHHL PCIe Gen4 x16 • 1 * OCP 2.0 (Connector A)
I/O ports	<ul style="list-style-type: none"> • 2 * VGA ports (1 * Front + 1 * Rear) • 2 * UID Button(1 * Front + 1 * Rear) • 1 * Power Button (Front) • 1 * Reset Button (Front) • 2 * USB 3.0 ports (Front) • 2 * USB 3.0 ports (Rear) • 1 * USB 3.0 port Type-A (Internal) • 1 * Serial port (Rear) • 2 * 1GbE, 1 * 1GbE Management port (Rear) • 1 * TPM 2.0 (optional) 		
Power Supply	<ul style="list-style-type: none"> • 800W 1+1 Redundant, Platinum • 1200W1+1 Redundant, Platinum • 1600W1+1 Redundant, Platinum 		

* Depends on configuration

Processor

- Dual 3rd Gen Intel® Xeon® Scalable Processors support Ice Lake CPU, up to 270W*

Memory

- 32 x RDIMM/LRDIMM slots
- DDR4 RDIMM/LRDIMM (up to 3200 MT/s)
- 8, 16, 32, 64, 128 GB DIMMs

Chipset

- Intel Lewisburg C621A

HDD**Front**

- 24 * 2.5" HS SATA/SAS
- 16 * 2.5" HS SATA/SAS + 8 * 2.5" NVMe
- 4 * 3.5" HS SATA/SAS + 8 * 3.5" HS SATA/SAS/NVMe

Rear

- 4 * 3.5" HS SATA/SAS
- 2 * 2.5" HS SATA/SAS

Internal

- 2 * M.2 (Type: 2280)

I/O Expansion**General SKU**

- 2 * FHFL PCIe Gen4 x16
- 2 * FHFL PCIe Gen4 x8
- 2 * FHHL PCIe Gen4 x8
- 1 * HHHL PCIe Gen4 x8
- 1 * OCP 2.0 (Connector A)

GPU SKU

- 2 * FHFL(DW) PCIe Gen4 x16
- 2 * FHHL PCIe Gen4 x16
- 1 * HHHL PCIe Gen4 x8
- 1 * OCP 2.0 (Connector A)

Storage SKU(16 x 3.5" HDD)

- 2 * HHHL PCIe Gen4 x16
- 1 * OCP 2.0 (Connector A)

Internal I/O

- 1 * USB 3.0

Front I/O

- 1 * Power Button with LED
- 1 * UID Button with LED
- 1 * Reset Button
- 1 * VGA
- 2 * USB 3.0

Rear I/O

- 1 * VGA
- 2 * USB 3.0
- 1 * RJ-45 1Gb for dedicated management
- 2 * RJ-45 1Gb Networking
- 1 * UID button w/ UID LED
- 1 * COM Port

Management

- BMC Web UI
- IPMI 2.0 compliant
- iKVM support
- Redfish support

Security

- TPM 2.0 (Optional Module)

Cooling

- 6 * 6038 system fans

Operating Environment*

- Operating Temp. 5° C ~ 35° C
- Non-operating Temp. - 20° C ~ 65° C
- In/Non-operating Humidity 90%, non-condensing at 35° C

Chassis

- 2U Rackmount
- 735mm (D) x 438mm (W) x 87mm(H)

PSU

- 1+1 Redundant Hot-Swap
- Auto ranging input
- 800W, 1200W and 1600W 80 Plus Platinum
- 240V HVDC and 220V AC support, AC+AC, AC+DC, DC+DC mode

OS support*

- Windows Server 2019
- RedHat Enterprise Linux 7.9
- CentOS 7.9
- VMware EXSi 7.0 U1



General Purpose



CPU	Dual 3 rd Gen Intel® Xeon® Scalable Processors, support Ice Lake Processors, up to 185W*	
Dimensions	438mm (W) x 735mm (D) x 87mm (H)	
Chipset	Intel® Lewisburg C621A	
Memory	DIMM Type: DDR4 RDIMM(up to 3200 MT/s) DIMM Count: 16 DIMM Slots	
Storage	<p>Front :</p> <ul style="list-style-type: none"> • 24 * 2.5" SATA/SAS • 16 * 2.5" SATA/SAS + 8 * 2.5" NVMe • 4 * 3.5" SATA/SAS + 8 * 3.5" SAS/SATA/NVMe • 12 * 3.5" SATA/SAS <p>- All drives support Hot-Swap</p>	
PCIe Slot	<p>General SKU :</p> <ul style="list-style-type: none"> • 2 * FHFL PCIe Gen4 x16 • 2 * FHFL PCIe Gen4 x8 • 2 * FHHL PCIe Gen4 x8 • 1 * HHHL PCIe Gen4 x8 • 1 * OCP 2.0 (Connector A) 	<p>GPU SKU :</p> <ul style="list-style-type: none"> • 2 * FHFL(DW) PCIe Gen4 x16 • 2 * FHHL PCIe Gen4 x16 • 1 * HHHL PCIe Gen4 x8 • 1 * OCP 2.0 (Connector A)
I/O ports	<ul style="list-style-type: none"> • 2 * VGA ports (1 * Front + 1 * Rear) • 2 * UID Button(1 * Front + 1 * Rear) • 1 * Power Button (Front) • 1 * Reset Button (Front) • 2 * USB 3.0 ports (Front) • 2 * USB 3.0 ports (Rear) • 1 * USB 3.0 port Type-A (Internal) • 1 * Serial port (Rear) • 2 * 1GbE, 1 * 1GbE Management port (Rear) • 1 * TPM 2.0 (optional) 	
Power Supply	<ul style="list-style-type: none"> • 800W 1+1 Redundant, Platinum • 1200W 1+1 Redundant, Platinum 	

* Depends on configuration

Processor

- Dual 3rd Gen Intel® Xeon® Scalable Processors support Ice Lake CPU, up to 185W*

Memory

- 16 x RDIMM slots
- DDR4 RDIMM (up to 3200 MT/s)
- 8, 16, 32, 64, 128 GB DIMMs (max 2TB)

Chipset

- Intel Lewisburg C621A

HDD**Front**

- 24 * 2.5" HS SATA/SAS
- 16 * 2.5" HS SATA/SAS + 8 * 2.5" NVMe
- 4 * 3.5" HS SATA/SAS + 8 * 3.5" HS SATA/SAS/NVMe
- 12 * 3.5" HS SATA/SAS

I/O Expansion**General SKU**

- 2 * FHFL PCIe Gen4 x16
- 2 * FHFL PCIe Gen4 x8
- 2 * FHHL PCIe Gen4 x8
- 1 * HHHH PCIe Gen4 x8
- 1 * OCP 2.0 (Connector A)

GPU SKU

- 2 * FHFL(DW) PCIe Gen4 x16
- 2 * FHHL PCIe Gen4 x16
- 1 * HHHH PCIe Gen4 x8
- 1 * OCP 2.0 (Connector A)

Internal I/O

- 1 * USB 3.0

Front I/O

- 1 * Power Button with LED
- 1 * UID Button with LED
- 1 * Reset Button
- 1 * VGA
- 2 * USB 3.0

Rear I/O

- 1 * VGA
- 2 * USB 3.0
- 1 * RJ-45 1Gb for dedicated management
- 2 * RJ-45 1Gb Networking
- 1 * UID button w/ UID LED
- 1 * COM Port

Management

- BMC Web UI
- IPMI 2.0 compliant
- iKVM support
- Redfish support

Security

- TPM 2.0 (Optional Module)

Cooling

- 5 * 6038 system fans

Operating Environment*

- Operating Temp. 5° C ~ 35° C
- Non-operating Temp. - 20° C ~ 65° C
- In/Non-operating Humidity 90%, non-condensing at 35° C

Chassis

- 2U Rackmount
- 735mm (D) x 438mm (W) x 87mm(H)

PSU

- 1+1 Redundant Hot-Swap
- Auto ranging input
- 800W, 1200W 80 Plus Platinum
- 240V HVDC and 220V AC support, AC+AC, AC+DC, DC+DC mode

OS support

- Windows Server 2019
- RedHat Enterprise Linux 7.9
- CentOS 7.9
- VMware EXSi 7.0 U1

* Depends on configuration



Dense



CPU (Node)	Dual 2 nd Gen Intel Xeon® Scalable Processors, up to 165W*
Dimensions	442mm (W) x 835mm (D) x 87mm (H)
Chipset	Intel Lewisburg C621
Memory (Node)	<ul style="list-style-type: none"> • DIMM Type: DDR4 RDIMM/LRDIMM (up to 2933 MT/s) • DIMM Count: 16 DIMM Slots
Storage	<p>Front :</p> <ul style="list-style-type: none"> • 24 * 2.5" SATA/SAS • 8 * 2.5" SAS/SATA/NVMe + 16 * 2.5 SAS/SATA <p>Internal :</p> <ul style="list-style-type: none"> • 1 * M.2 (Type 2280, per Node)
PCIe Slot (Node)	<ul style="list-style-type: none"> • 1 * HHHL PCIe Gen3 x8 • 1 * HHHL PCIe Gen3 x16 • 1 * OCP 2.0 (Connector A) <p>- All drives support Hot-Swap</p>
BMC	ASPEED AST 2500
I/O ports (Node)	<ul style="list-style-type: none"> • 2 * UID Button(Front, Rear) • 2 * Power Button Front, Rear) • 1 * VGA ports (Rear) • 2 * USB 3.0 ports (Rear) • 1 * USB 3.0 ports (Internal) • 1 * 1GbE Management port (Rear) • 1 * TPM 2.0 (optional)
Power Supply	1600/2000W 1+1 Redundant, Platinum

Processor

- Dual Socket P (LGA 3647) support: Intel® Xeon® Processor Scalable Family, up to 165W*

Memory

- 16 * RDIMM/LRDIMM slots
- DDR4 RDIMM/LRDIMM (2933 MT/s)
- 8, 16, 32, 64, 128 GB DIMMs

Chipset

- Intel Lewisburg C621

HDD(For each node)

Front

- 4 * 2.5" HS SATA/SAS
- 2 * 2.5" HS SATA/SAS/NVMe

Internal

- 1 * M.2 (Type 2280)

I/O Expansion (Per Node)

- 1 * HHHL PCIe Gen3 x16
- 1 * HHHL PCIe Gen3 x8
- 1 * OCP 2.0 (Connector A)

Front I/O (Per Node)

- 1 * Power Button with LED
- 1 * UID Button with LED
- 1 * System Status LED

Rear I/O(Per node)

- 1 * VGA
- 2 * USB 3.0
- 1 * RJ-45 1Gb for dedicated management
- 1 * UID button w/ UID LED
- 1 * Power button w/ power LED
- 1 * System Status LED

Management

- BMC Web UI
- IPMI 2.0 compliant
- iKVM support

Security

- TPM 2.0 (Optional Module)

Cooling

- 4 * 6056 system fans

Operating Environment*

- Operating Temp. 10° C ~ 35° C
- Non-operating Temp. - 20° C ~ 65° C
- In/Non-operating Humidity 90%, non-condensing at 35° C

Chassis

- 2U Rackmount
- 835mm (D) x 442mm (W) x 87mm (H)

PSU

- 1+1 Redundant Power capable
- Auto ranging input
- 2000W 80 Plus Platinum PSU

OS support *

- Windows Server 2019
- RedHat Enterprise Linux 7.3, 7.9
- CentOS 7.x, 7.9
- VMware EXSi 7.0 U1

* Depends on configuration