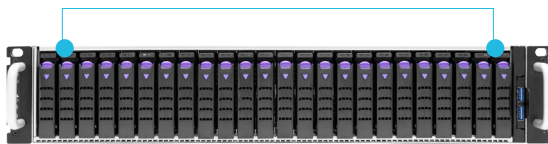


**Front View**

24 x 2.5" hot swap drive bays



### Features

- 2U all-flash server solution
- 24 x 2.5" front NVMe hot-swappable bays and 2 x 2.5" rear SATA hot-swappable bays
- Supports dual 4th Gen Intel® Xeon® Scalable Processors (codename: Sapphire Rapids)
- 32x DDR5 RDIMM and 4x PCIe Gen5 extensions

**Rear View**



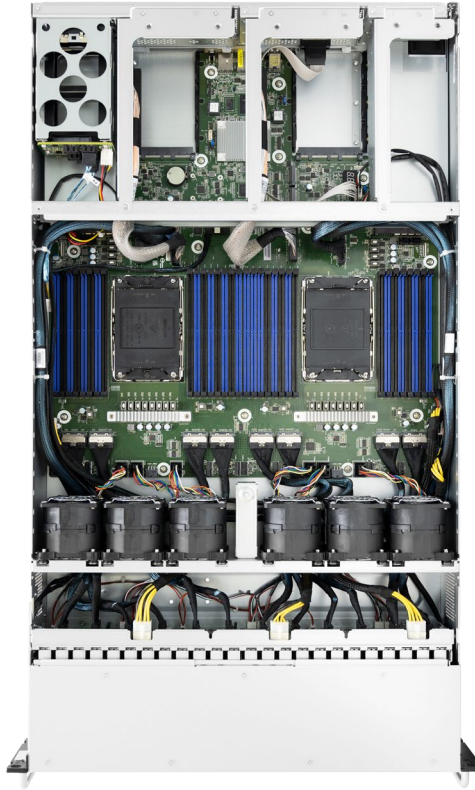
### Specifications

<b>Dimensions</b> (W x D x H)	mm : 438 x 800 x 87.5		
	inches : 17.2 x 33.5 x 3.5		
<b>Motherboard</b>	AIC Server Board HK		
<b>Processor</b>	Processor Support	<ul style="list-style-type: none"> <li>• Intel® Next Gen Sapphire Rapids-SP/Emerald Rapids-SP Family Processors</li> <li>• Supports CPU TDP 225W/350W</li> <li><i>*Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system.</i></li> </ul>	
	CPU Interconnection	12.8, 14.4, and 16GT/s	
	Socket Type	E2: 4677 pins	
<b>Chipset Support</b>	Intel® Emmitsburg PCH		
<b>System Memory</b>	<ul style="list-style-type: none"> <li>• 16 x DDR5 memory channels per CPU</li> <li>• 32 x DIMM slots (2 DPC), 4800/5600 MT/s</li> </ul>		
<b>Front Panel</b>	<ul style="list-style-type: none"> <li>• 1 x System power on/off button/LED</li> <li>• 1 x System reset button</li> <li>• 1 x System ID button/LED</li> <li>• 1 x System alert (BMC)</li> <li>• 2 x USB 3.0</li> </ul>		
<b>Drive Bays</b>	External	2.5" hot swap	24 x PCIe 5.0 U.2 NVMe
	Internal	2.5"	M.2/NGFF-M (2 ( M-Key / 2280 PCH native SATA+PCIe x4 )
<b>Backplane</b>	24 x NVMe PCIe Gen 5		
<b>Expansion Slots</b>	PCIe 5.0	<ul style="list-style-type: none"> <li>• 2 x PCIe X16 slots (HHHL) (Reserve GPU card support retention mechanical bracket)</li> <li>• 2 x OCP 3.0 bays (PCIe X16 width)</li> </ul>	

<b>Riser Card</b>	PCIe 5.0 X16 flex cable	
<b>System BIOS</b>	BIOS Type	AMI UEFI BIOS
	BIOS Features	<ul style="list-style-type: none"> <li>• ACPI</li> <li>• PXE</li> <li>• WOL</li> <li>• AC loss recovery</li> <li>• BIOS recovery</li> <li>• IPMI 2.0 KCS mode interface</li> <li>• SRIOV</li> <li>• SMBIOS</li> <li>• TPM</li> <li>• Serial console redirection</li> <li>• PCIe hot plug</li> </ul>
<b>On-board Devices</b>	SATA	Intel® Emmitsburg PCH on-chip solution • 10 x SATA 6.0 Gb/s (by 2x 8643) + • 2 x M.2 • 2 x SATA 6.0 Gb/s (by 2x SATA 7P)
	BMC	Aspeed AST2600 Advanced PCIe Graphics & Remote Management Processor • Baseboard Management Controller • Intelligent Platform Interface 2.0 (IPMI 2.0) • iKVM, Media Redirection, IPMI over LAN, Serial over LAN • HTML5 • Redfish • SMASH Support
	Network Controllers	Realtek RTL8211EL for BMC dedicated management port
	Graphics	Aspeed AST2600 Advanced PCIe Graphics & Remote Management Processor • PCIe Graphic/2D Controller • 1920x1200@60Hz 32bpp



## Top View



(Power supply and Server board are included.)

SB201-HK

<b>Rear I/O</b>	LAN	1 x GbE RJ45 shared BMC management
	USB	2 x USB 3.0 Type A
	Video Output	1 x mini-display port connector
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• 1200W 1+1 CRPS RPSU 80+ Platinum (~225W processors)</li> <li>• 1600W 1+1 CRPS RPSU 80+ Platinum (~350W processors)</li> </ul> by CPU/NVMe supporting wattage SKU options	
<b>System Cooling</b>	6 x 60x56mm easy swap fans ABS material plastic air-duct (clear)	
<b>Environmental Specifications</b>	<ul style="list-style-type: none"> <li>• Storage temperature : -10°C(14°F) ~ 60°C(140°F)</li> <li>• Operating temperature : 0°C(32°F) ~ 35°C(95°F)</li> <li>• Storage operating humidity : 5%~95% non-condensing</li> </ul>	

<b>Gross Weight</b>	(w/ PSU & Rail)	kgs : 29
		lbs : 63.9
<b>Packaging Dimensions</b>	(W x D x H)	mm : 605 x 1210 x 320
		inches : 23.6 x 47.6 x 12.5
<b>Mounting</b>	Standard	28" tool-less slide rail