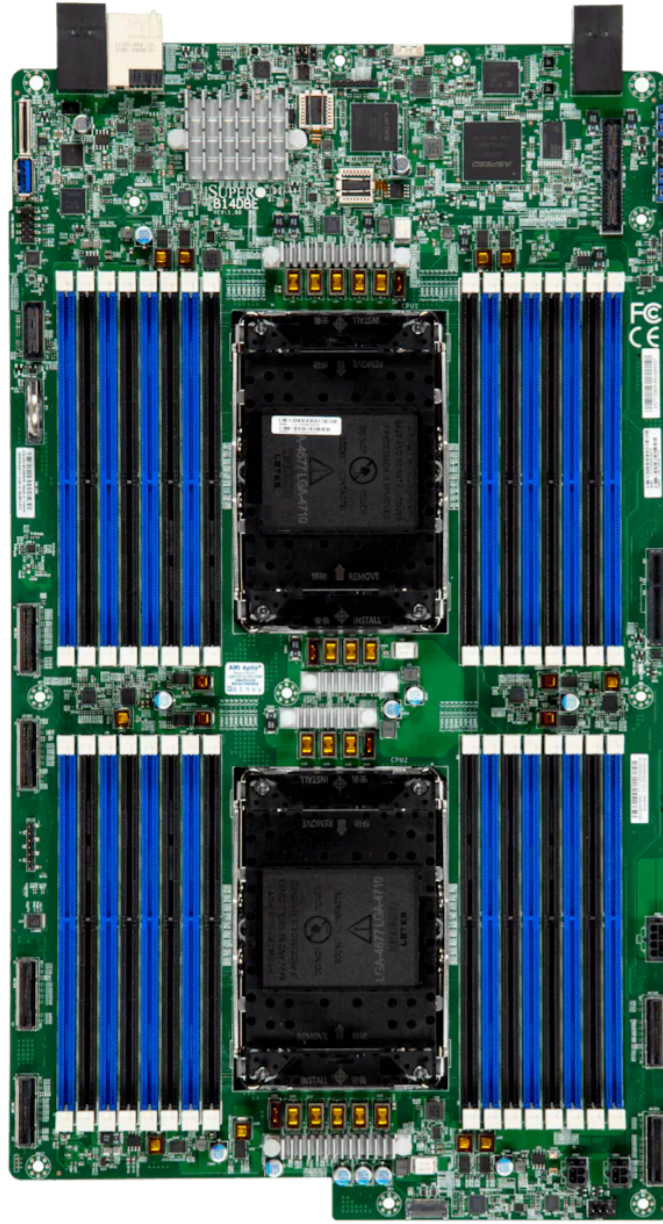


# Blade SBI-622B-5NE34 (Complete System Only)



## Coming Soon

### Key Applications

- Enterprise Applications
- High Performance Computing
- Engineering/scientific research
- Cloud, virtualization, financial, EDA

### Key Features

1. 35 servers per 42U rack
2. Dual Socket E2 (LGA-4710), Intel® Xeon® 6 processors
3. Supports 32x DDR5 ECC RDIMM/RDIMM 3DS (up to 6400MT/s 1DPC)
4. 6 NVMe SSDs with 4 Hot-swap E3.S PCIe Gen5 and 2 M.2
5. Dual-port 25G Ethernet (LOM), additional dual-port 25G Ethernet via mezzanine card
6. Front IO supporting 2 PCIe 5.0 FHHL slots
7. Direct liquid cooling solution is available\*

\* Please contact your Supermicro sales rep for more info.

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**Note:** Complete system should include at least 1 CPU & 1 DIMM.

[Drivers & Utilities](#) [BIOS / BMC](#) [Manuals](#) [Tested Memory](#)

[Tested AOC](#) [Tested NVMe](#) [Tested M.2 List](#) [OS Certification Matrix](#) [Compatible GPU List](#) [Quick-References Guide](#) [Download Driver CD](#)

NOTE: Please email to [support@supermicro.com](mailto:support@supermicro.com) for more information about upgrading to latest BIOS/BMC

Note: Image above may show a varied configuration of optional parts. Please refer to parts list for standard parts included.

## Specifications ^

Product SKUs		Dimensions	
<b>SuperBlade Sled</b>	SBI-622B-5NE34	<b>Height</b>	9.75" (248mm)
<b>Motherboard</b>	<a href="#">MBD-B14DBE</a>	<b>Width</b>	3.5" (89mm)
Processor		<b>Depth</b>	24.5" (622mm)
<b>CPU</b>	Dual Socket E2 (LGA-4710) <a href="#">Intel® Xeon® 6 6700 series processors with E-cores</a>	<b>Weight</b>	17.2 lbs (7.79 kg)
<b>Note</b>	Up to 205W TDP CPUs (Air Cooled at 35°C) Certain CPUs with higher TDP may be supported under specific conditions. Please refer to <a href="#">Thermal Matrix</a> .	<b>Available Colors</b>	Metalic Silver with Black Drive Bays
GPU		Front Panel	
<b>CPU-GPU Interconnect</b>	PCIe 5.0 x16 CPU-to-GPU interconnect	<b>Buttons</b>	Power On/Off button KVM button
<b>GPU-GPU Interconnect</b>	NVIDIA® NVLink™ Bridge (Optional)	<b>LEDs</b>	Power LED UID Network Activity LED Fault LED
System Memory		Expansion Slots	
<b>Memory Capacity</b>	32 DIMM slots (2DPC) 1DPC with DDR5-6400MT/s ECC RDIMM	<b>PCIe</b>	2 PCIe 5.0 x16 slots, support 2 FHHL single-width PCIe cards
On-Board Devices		Drive Bays / Storage	
<b>Network Controllers</b>	Onboard Dual 25G Ethernet Optional 2x 25GbE port via Mezzanine expansion slot	<b>Hot-swap</b>	4 Hot-swap E3.S drive bays
<b>MGMT/Security</b>	IPMI 2.0 / KVM over IP / Redfish API/TPM 2.0/Signed Firmware/HW Root of Trust	<b>M.2</b>	Optional: 2 M.2 2280 NVMe SSDs via adapter
<b>Graphics</b>	Aspeed AST2600	Input / Output	
System BIOS		<b>TPM</b>	1 TPM Header
<b>BIOS Type</b>	64MB SPI Flash EEPROM with AMI® BIOS	Operating Environment	
		<b>RoHS</b>	RoHS Compliant
		<b>Environmental Spec.</b>	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)

## Parts List v

Certain products may not be available in your region

Global SKU [English](#) v

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