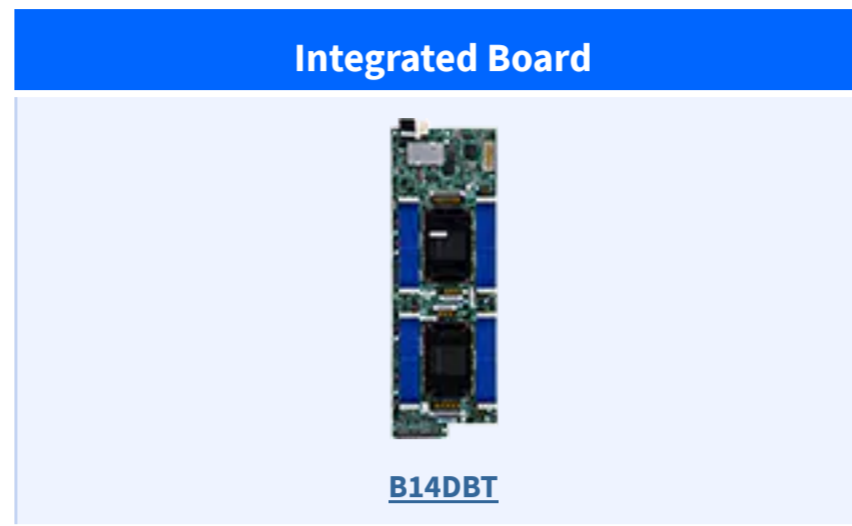


# Blade SBI-422B-5NE14 (Complete System Only)



**Views:** | [Angled View](#) | [Rear View](#) | [Front View](#) | [Angled Node View](#) | [Top Node View](#) |



## Key Applications

- Enterprise data center
- EDA, Cloud
- High-performance Computing (HPC)

## Key Features

- 50 servers per 42U rack
- Dual Socket E2 (LGA-4710), Intel® Xeon® 6 processors
- Up to 16 DIMMs, 1DPC with DDR5-6400MT/s ECC RDIMM
- Support up to 9 drives per blade
- Dual-port 25G Ethernet (LOM), additional 200G/100G InfiniBand or dual-port 25G Ethernet via mezzanine card
- OCP 3.0 network card support, e.g. 400G NDR InfiniBand card\*

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

**Note:** Complete system should include at least 1 CPU, 1 DIMM, & 1 HDD/SSD.

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

[Tested HDD](#) [Tested NVMe](#) [Tested M.2 List](#) [OS Certification Matrix](#) [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

Contact Us

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

## Specifications ^

Product SKUs	
<b>SuperBlade Sled</b>	SBI-422B-5NE14
<b>Motherboard</b>	<a href="#">MBD-B14DBT</a>
Processor	
<b>CPU</b>	Dual Socket E2 (LGA-4710) <a href="#">Intel® Xeon® 6 6700 series processors with E-cores</a>
<b>Note</b>	Up to 205W TDP CPUs (Air Cooled at 35°C)
System Memory	
<b>Memory Capacity</b>	16 DDR5 DIMM slots 1DPC with DDR5-6400MT/s ECC RDIMM
On-Board Devices	
<b>Chipset</b>	Intel® C741 chipset
<b>Network Controllers</b>	Onboard Dual 25G Ethernet 1 Mezzanine expansion slot and 3 different optional Mezzanine card. 1 OCP 3.0 network card (option) Optional: Dual 25G Ethernet / 100G EDR / 200G HDR / 400G NDR*
<b>MGMT/Security</b>	IPMI 2.0 / KVM over IP / Redfish API/TPM 2.0/Signed Firmware/HW Root of Trust
<b>Graphics</b>	Aspeed AST2600
System BIOS	
<b>BIOS Type</b>	256Mb SPI Flash EEPROM with AMI® BIOS

Dimensions	
<b>Height</b>	6.5"
<b>Width</b>	3.5"
<b>Depth</b>	23.5"
<b>Weight</b>	11.5 lbs (5.2 kg)
<b>Available Colors</b>	Metalic Silver with Black Drive Bays
Front Panel	
<b>Buttons</b>	Power On/Off button
<b>LEDs</b>	Power LED UID Network Activity LED Fault LED
Drive Bays	
<b>Hot-swap</b>	4 E1.S drives
<b>M.2</b>	1 M.2 2280 Optional: 4 M.2 NVMe via mezz card
Input / Output	
<b>TPM</b>	1 TPM 2.0 Header
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

### About Us

- Company Profile
- Green Computing
- Investor Relations
- Careers
- Site Map
- Glossary

### News

- Press Releases
- Supermicro in the News
- Product Reviews
- Events
- Webinars

### Resources

- Product Briefs
- Solution Briefs
- Success Stories
- Videos
- White Papers
- Thought Leadership
- MySupermicro
- Data Center Stories

### Connect & Follow

- Locations
- Contact Us
- Newsletter Sign-up

