» Products » SuperBlade

Blade SBI-622B-1NE38 (Complete System Only)

🖨 Print

Integrated Board

B14DBE

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   Quick-References Guide   Download Driver CD

NOTE: Please email to support@supermicro.com for more information about upgrading to latest BIOS/BMC
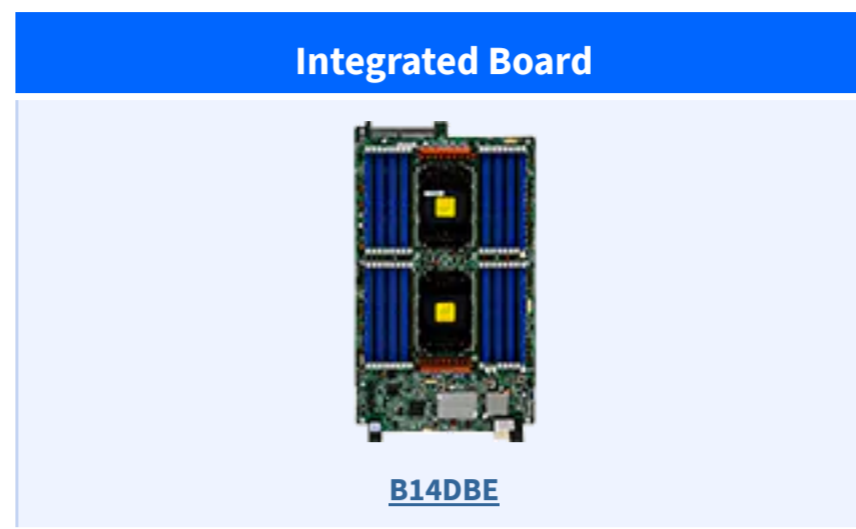
Coming Soon

Key Applications

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

Key Features

1. 70 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. 10 NVMe SSDs with 8 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. Direct liquid cooling solution is available*

* Please contact your Supermicro sales rep for more info.

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

SuperBlade Sled	SBI-622B-1NE38
Motherboard	MBD-B14DBE

Processor

CPU	Dual Socket E2 (LGA-4710)
	Intel® Xeon® 6 6700 series processors with E-cores
Note	Up to 205W TDP CPUs (Air Cooled at 35°C)
	Certain CPUs with higher TDP may be supported under specific conditions.
	Please refer to Thermal Matrix.

System Memory

Memory Capacity	32 DIMM slots
	1DPC with DDR5-6400MT/s ECC RDIMM

On-Board Devices

Network Controllers	Onboard Dual 25G Ethernet
	Optional 2x 25GbE port via Mezzanine expansion slot
MGMT/Security	IPMI 2.0 / KVM over IP / Redfish API/TPM 2.0/Signed Firmware/HW Root of Trust
Graphics	Aspeed AST2600

System BIOS

BIOS Type	64MB SPI Flash EEPROM with AMI® BIOS

Dimensions

Height	9.75" (248mm)
Width	1.75" (44.5mm)
Depth	24.5" (622mm)
Weight	15.2 lbs (6.89 kg)
Available Colors	Metalic Silver with Black Drive Bays

Front Panel

Buttons	Power On/Off button
	KVM button
LEDs	Power LED
	UID
	Network Activity LED
	Fault LED

Drive Bays / Storage

Hot-swap	8 Hot-swap E3.S drive bays
M.2	Optional: 2 M.2 2280 NVMe SSDs via adapter

Input / Output

TPM	1 TPM Header

Operating Environment

RoHS	RoHS Compliant
Environmental Spec.	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 ⌄

Certain products may not be available in your region

Global SKU 🌐 English

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