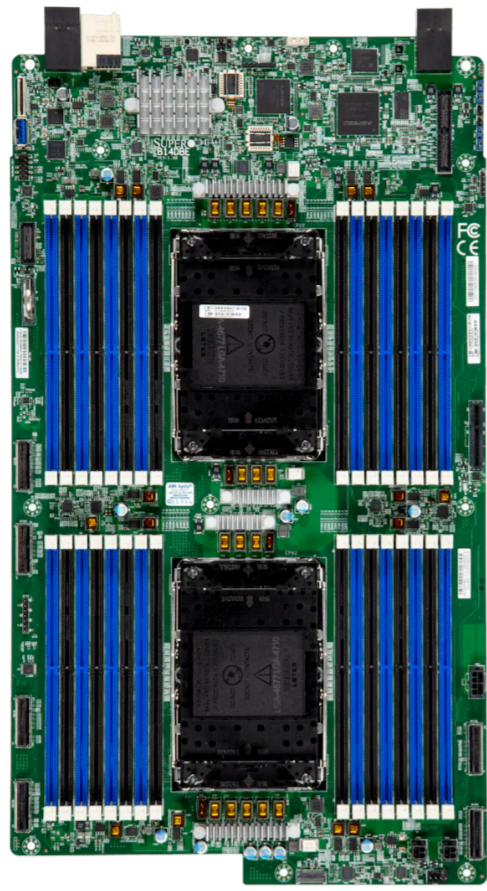


# B14DBE (For SuperServer Only) Coming Soon

**Print**


### Key Features

1. Intel® Xeon® 6 processors, Dual Socket LGA-4710 (Socket E2) supported, CPU TDP supports Up to 350W TDP
2. Total up to 8TB ECC RDIMM DDR5-6400MT/s in 32 DIMM slots
3. 1 PCIe 4.0 x16 Mezzanine connector
4. 6 PCIe 5.0 x8 via MCIO connectors
5. Dual 25G LAN with Intel®E810
6. Onboard TPM2.0
7. 1 PCIe 5.0 x8 E1.S connector for dual M.2 support via adapter card

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### Optimized Servers

[SBI-622B-1NE34](#) [SBI-622B-5NE34](#) [SBI-622B-1NE38](#) [SBI-622B-5NE38](#)

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## Specifications

## Resources

## Parts List

Product SKUs	
<b>MBD-B14DBE</b>	
Physical Stats	
<b>Form Factor</b>	Proprietary
<b>Dimension</b>	17.01" x 9.57" (43.22cm x 24.32cm)
Processor	
<b>CPU</b>	Dual Socket E2 (LGA-4710) supported, CPU TDP supports Up to 350W TDP
<b>Core</b>	Up to 144 (E) cores
System Memory	
<b>Memory Capacity</b>	32 DIMM slots Up to 8TB 3DS ECC Registered RDIMM, DDR5-6400MT/s
<b>Memory Type</b>	6400 MT/s ECC DDR5 RDIMM (3DS) Up to 128GB of memory with speeds of up to 6400 MT/s(1DPC) or 5200 MT/s (2DPC)
<b>DIMM Sizes</b>	8GB, 16GB, 32GB, 64GB, 128GB, 256GB RDIMM: 16GB, 32GB, 64GB, 128GB, 256GB
<b>Memory Voltage</b>	1.1V
<b>Error Detection</b>	Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
<b>Chipset</b>	
<b>Network Controllers</b>	Dual LAN with Intel® Ethernet Controller E810-XXVAM2
Input / Output	
<b>USB</b>	1 USB 3.1 Gen1 port(s) (1 type A)
<b>TPM</b>	1 TPM TPM 2.0 onboard

Expansion Slots	
<b>PCIe</b>	6 PCIe 5.0 x8 MCIO connector
<b>M.2</b>	M.2 Interface: 2 PCIe 5.0 x4 Form Factor: 2280 Key: M-Key M.2 support requires an optional M.2 adapter card
System BIOS	
<b>BIOS Type</b>	AMI 64MB AMI UEFI
<b>BIOS Features</b>	ACPI 6.5 SMBIOS 3.7 or later UEFI 2.9
Management	
<b>Software</b>	<a href="#">SuperCloud Composer</a> , <a href="#">Supermicro Server Manager (SSM)</a> , <a href="#">Super Diagnostics Offline (SDO)</a> , <a href="#">Supermicro Thin-Agent Service (TAS)</a> , <a href="#">SuperServer Automation Assistant (SAA) New!</a> , <a href="#">Plug-ins for 3rd Party Software</a>
PC Health Monitoring	
<b>Voltage</b>	VBAT, System level control, Supports system management utility, Monitors CPU voltages, +5V standby, +5V, +3.3V, +12V
<b>LED</b>	UID/Remote UID CPU / System Overheat LED
<b>Temperature</b>	Monitoring for CPU and chassis environment CPU thermal trip support Thermal Monitor 2 (TM2) support PECI
<b>FAN</b>	Fan speed control
<b>Other Features</b>	UID Control of power-on for recovery from AC power loss Chassis intrusion detection ACPI power management

Certain products may not be available in your region

Global SKU **English**

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