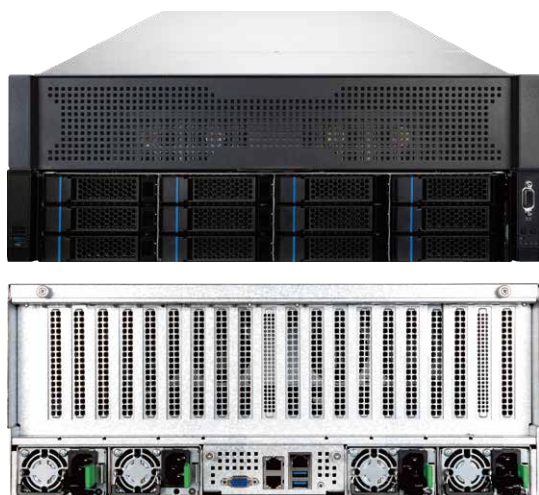


G4201

5th Gen Intel® Xeon® Scalable Server Barebone



SPECIFICATIONS

Dimensions (Width x Height x Depth)

438mm (17.2") Wx 176mm (6.9") Hx 897mm (35.3") D

Processor

Dual 4th/5th Generation Intel® Xeon® Scalable Processors, TDP up to 350W

Chipset

Intel® C741

Memory

(32) DDR5 DIMM Slots, 2DPC, RDIMM/3DS

- Max. Frequency

5th Gen Intel® Xeon®: 5600 MT/s (1DPC), 4400 MT/s (2DPC)

4th Gen Intel® Xeon®: 4800 MT/s (1DPC), 4400 MT/s (2DPC)

Expansion Slots

(8) PCIe 4.0 x16 FHFL slots (4 from CPU0 & 4 from CPU1)

(1) PCIe 4.0 x16 FHFL slot from CPU1

(1) PCIe 4.0 x8 FHFL slot from CPU0 (G4201RAS10U2-P4-Pt)

* All slots are directly connected to CPU sockets in a switchless topology.

Networking

(1) 1000Base-T Ethernet port (Intel® I210AT)

Storage

(12) Hot-swap 3.5"/2.5" drive bays support (2) U.2 PCIe 4.0 NVMe + (10) SATA 3.0 (G4201RAS10U2-P4-Pt)

(12) Hot-swap 3.5"/2.5" drive bays support (4) U.2 PCIe 4.0 NVMe + (8) SATA 3.0 (G4201RAS8U4-P5-Ti)

(2) M.2 2280/22110 PCIe 3.0 x2 from PCH

RAID

Intel® SATA RAID 0/1/10/5 integrated

(1) VROC header for Intel® VROC key to support NVMe RAID

Server Management

AST2600 with dual BMC supports IPMI and Redfish

(1) 1000Base-T Dedicated Server Management Port

Dual BIOS and BMC

4U Intel® Xeon® Compute Server Platform

- Dual 4th/5th Generation Intel® Xeon® Scalable Processors
- (32) DDR5 DIMM Slots, 2DPC, upto 5600MT/s, RDIMM
- (8) PCIe 4.0 or 5.0 x16 slots
- (2) PCIe 4.0 x16 slots (one with x8 signal) or (1) PCIe 4.0 x16 slots
- (12) Hot-swap 3.5"/2.5" drive bays support NVMe or SATA device
- (1) 1000Base-T Ethernet port (Intel® I210AT)
- BMC ASPEED AST2600 with IPMI & DMTF Redfish Support

Applications

Video Production and Broadcasting Applications

Animation & Modeling

3D Rendering Drawing

Visualization & Design

AI Training

Security

(1) TPM2.0

Front I/O

(12) Hot-swap 3.5"/2.5" drive bays

(1) USB 3.2 Gen 1 Type-A Port

(1) USB2.0 port

(1) System Power LED button

(1) UID LED button

(1) Reset button

(4) Status LEDs: Fault/LAN/M.2

Rear I/O

(1) 1000Base-T dedicated server management port

(1) 1000Base-T Ethernet port

(2) USB 3.2 Gen 1 Type-A port

(1) VGA D-Sub port

(1) COM RJ45 port

Power Supply

(3+1) Redundant 2000W CRPS 80+ Platinum

Environmental

System Operating Temperature: 0°C ~ 35°C

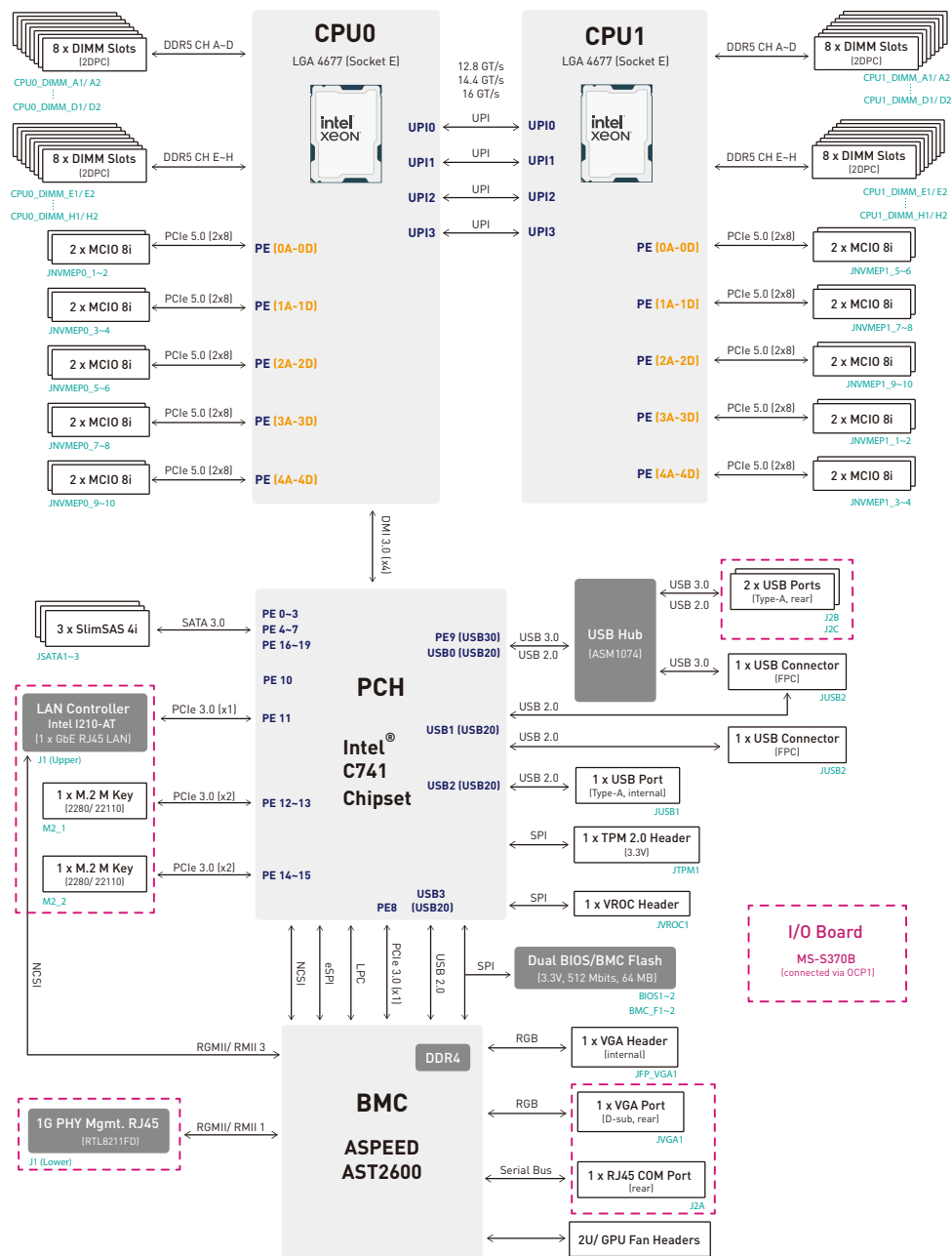
Non-operating Temperature: -20°C ~ 70°C

Non-operating Relative Humidity: 5% to 85% (non-condensing)

Regulatory

FCC (Class A), CE

G4201 System Block Diagram



Top View



G4201-P4-Pt

G4201-P5-Ti

SKU TABLE

Standard SKUs	G4201RAS10U2-P4-Pt	G4201RAS8U4-P5-Ti
Front Storage	(10) SATA + (2) PCIe4.0 NVMe	(8) SATA + (4) PCIe4.0 NVMe
PCIe Slot	(8) PCIe 4.0 x16 FHFL slots (1) PCIe 4.0 x16 FHFL slot (1) PCIe 4.0 x8 FHFL slot	(8) PCIe 5.0 x16 FHFL slots (1) PCIe 4.0 x16 FHFL slot

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Specifications are subject to change
without notice. Please visit our website
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