

Intel Birch Stream Dual-Socket High-End Server

SL201-G5



Product Overview

SL201-G5 is an artificial intelligence computing server developed based on Intel's latest Birch Stream platform, featuring powerful computing capabilities and extremely high scalability to meet the application needs across various AI business scenarios.

Product Features

New Architecture, Ultimate Performance

- 2U dual-socket rackmount, supporting 12 SAS/SATA/NVME hard drives
- Supports 1/2 6th Gen Intel® Xeon® Scalable processors
- DDR5 and PCIe 5.0 technology to accelerate data transfer speeds

Flexible Topology, Key Applications

- Supports up to 12 PCIe slots
- Low power consumption, strong expandability, high reliability, easy management, and easy deployment
- Supports X16 signal OCP

Rich Ecosystem, Stable and Reliable

- Supports IPMI 2.0
- Redundant design of key system components and modular design of functional components to enhance product reliability and maintainability
- Supports intelligent remote management, intelligent remote fault diagnosis, ensuring 7*24 hour efficient and stable operation of the product

Application Scenarios



IT Core Business



Virtualization



Cloud Computing



Big Data Processing



HPC



Distributed Storage



Enterprise Market



Telecommunication

Product Specifications

| Component | Description |
|----------------|--|
| Form Factor | 2U Rackmount |
| Processor | Supports 1/2 6th Gen Intel® Xeon® Scalable processors, with a maximum TDP of 350W |
| Memory | 32 DDR5 memory slots, supporting DDR5 4400/4800/5600MHz memory |
| Hard Drives | Front: 12x 3.5" SAS/SATA/NVMe hard drives Internal: 2x 2280-size M.2 (SATA/NVMe) |
| PCIe Expansion | 6x Full-height PCIe slots, 4x Half-height PCIe slots, 2x OCP 3.0 slots |
| RAID Support | RAID 0/1/10&5 |
| Power Supply | AC 220V 800W, 1300W, 1600W, 2000W, 2200W, 2600W 1+1 redundant power supply (configured based on actual power requirements) |
| Fans | Standard 4 Hot-Swap N+1 redundant fans, supporting 8038/8056 specifications |
| Dimensions | 814.7 x 435.8 x 87.8mm(D x W x H) |
| Temperature | 5°C~35°C (operating temperature may vary based on different configurations) |