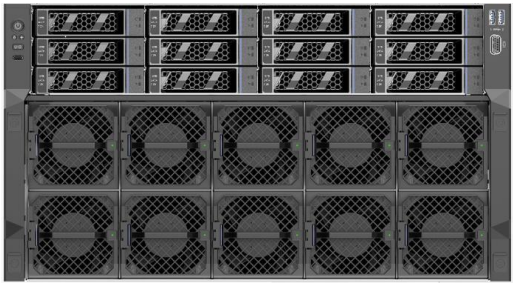
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Foredge G6400P

Intel Xeon 2P GPU Server



Product Introduction

The G6400P is an AI server based on Intel EGS platform. It is a heterogeneous computing server designed for artificial intelligence, high-performance computing (HPC), cloud computing and big data processing. Optimized for deep learning training, inference and HPC workloads, the entire series supports PCIe 5.0 bandwidth for all I/O interfaces. It can be deployed in enterprise and public cloud environments to deliver powerful support for AI training and inference.

Product Features

- Supports 2 units of 4th/5th Gen Intel® Xeon® Scalable processors, with a maximum 350W TDP CPU and up to 32 RDIMM DDR5 memory modules.
- Supports 8 FHFL dual-slot GPUs, each running on PCIe 5.0 x16, GPU-to-GPU communication uses a Switch architecture, delivering efficient heterogeneous computing power.
- Features 12 drive bays, compatible with 2.5-inch and 3.5-inch SSD/HDD. Supporting SATA, SAS and NVMe protocols, it enables flexible storage configuration.

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Product Specifications

Form Factor	6U Rackmount Dimensions (W × H × D): 446 × 263.5 × 850 mm
Processor	Supported: 2 × 4th/5th Gen Intel Xeon Scalable Processors Recommended: 2 × Intel Xeon 8558
Memory	Supported: Up to 32 DDR5 RDIMM slots, max speed 5600 MT/s, maximum capacity 4 TB Recommended: 8/12/16 × 64 GB or 24 × 32 GB DDR5 memory @ 5600 MT/s
Storage	Maximum 12 SATA/SAS/NVMe drives (LFF/SFF) Internal: 2 SATA M.2, 1 onboard eMMC Recommended: 2 × 480/960 GB SATA SSD + 1.92/3.84 TB NVMe SSD
PCIe	GPU: 2×89144 Switch PCIe 5.0 x16. Up to 8 FHFL double-width expansion cards; 8× PRO 6000 Passive/5500/4090/5090 Turbo GPUs. Other Expansion: 2× PCIe 5.0 x16 FHFL
Network	Standard: I350 4-port RJ45 Gigabit OCP 3.0 NIC Optional: 1/10/25/50/100/200/400 GbE PCIe NIC
BMC	Integrated BMC, 1 Gbps RJ45; Redfish/SNMP/IPMI 2.0; iKVM/HTML5 remote management, fault diagnosis and automated O&M; dual-flash BMC redundancy; BIOS Chinese UI.
I/O	Front Panel: 2 × USB ports, 1 × VGA port, 1 × UID button, power button, status indicators Rear Panel: 2 × USB ports, 1 × VGA port, 1 × RJ45 management port, 1 × system serial port, 1 × UID button
Fans	15×8080 hot-swap fans with N+1 redundancy
Power	8 × 2700W hot-swappable CRPS power supplies, supporting N+1 redundancy
RAID	Optional high-performance RAID controller, supports RAID 0/1/10/5/6/50/60 Recommended: 9560-8i 4G RAID Card
Operating Temperature	5℃~35℃ （The supported operating temperature varies by configuration）