DELTA **SERVAL**

High-performance server

High-performance dual-socket general-purpose server based on the latest Intel® Xeon® 6 processors

Delta Serval is designed to work with resource-intensive application software, such as high-load ERP systems, business analytics systems, and HPC clusters

Features:

- Up to 172 productive Granite Rapids-SP P-cores or 288 energy-efficient Sierra Forest-SP E-cores

- Hybrid system Delta Hybrid Cooling for maximum CPU time in Max Turbo Boost mode

- Up to 8 TB of DDR5 RAM at up to 6400 MT/s

- Supports MCR DIMM memory with speeds up to 8000 MT/s

- Up to 8 x 7mm U2 PCIe Gen5 NVMe SSDs

- 2x M2 PCIe NVMe for OS

- Extensive monitoring and control functionality in the Delta BMC system

- Capability to install up to 5 high-speed PCIe Gen5 adapters

Processor socket	LGA 4710
Processor	2x Intel® Xeon® 6 Granite Rapids-SP, up to 350Вт or 2x Intel® Xeon® 6 Sierra Forest-SP, up to 330Вт
RAM	Up to 32 DDR5 DIMMs up to 6400 MT/s
Storage	Up to 2x SSD M2.2280 PCIe NVMe Up to 8x SSD 2,5" U.2 7мм PCIe Gen5 NVMe or Up to 4x SSD 2,5" U.2 15мм PCIe Gen5 NVMe
Внешние слоты	1x PCIe Gen5 OCP 3.0 4x PCIe Gen5 x16 HHHL
Внутренние слоты	1x M2.2230 Key-E (Trusted Boot Module)
External connectors on the front panel	1x USB-A 3.0 1x miniDP 1x RJ-45 Gigabit Ethernet 10/100/1000 Mbit/s (Remote connection capability to the control system (Delta BMC) and operating system via a single port)
External slots	Delta Hybrid Cooling N+1 cooling fan redundancy with hot-swap support
Power supply	From centralized OCP busbar, 12V
Embedded software	Delta BIOS Delta BMC
Device size type	21" 2OU,
Assembled weight	Up to 9,6 kg

Appearance:

15mm U.2 NVMe drives (optional)

PCIe Gen5 expansion slots

7mm U.2 NVMe drives (optional)

USB-A 3.0

RJ45 connector

MiniVGA connector

OCP 3.0 network card slot (Mezz)

Other products:

High-End server

GPGPU platform

Data storage systems

Server chassis

Data storage infrastructure

Computing infrastructure

Infrastructure for AI and HPC Delta

Basic data center infrastructure

Delta Spider

Delta Sprut

Delta Firebird

PCIe switch

Server

Server

Delta Serval

Delta Tioga Pass

Network infrastructure

Delta Dragonfly

Delta Guepard

Delta Akturu

Ethernet-switch