DELTA **SERVAL**

High-performance server

High-performance dual-socket general-purpose server based on Intel® Xeon® Scalable processors of the 5th and 4th generations.

Delta Serval offers high performance, making it suitable for processing large amounts of data, large databases, business analytics systems, virtualization, and other demanding applications.
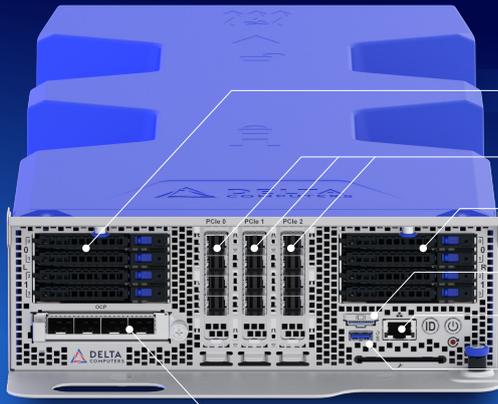
Features:

- Up to 128 cores Emerald Rapids
- Up to 8 x 7mm U2 PCIe Gen5 NVMe SSDs
- Support for processors with integrated HBM memory
- Delta Hybrid Cooling system for maximum processor performance in Full Boost mode
- Up to 8 TB of DDR5 RAM up to 5600 MT/s
- Ability to install high-speed PCIe Gen5 HHHL adapters
- Extensive monitoring and control functionality in the Delta BMC system

Processor	2x 5th generation Intel® Xeon® Scalable Emerald Rapids, up to 385 W _or_	2x Intel® Xeon® Scalable Sapphire Rapids 4th generation, up to 350 W
RAM	Up to 32 DDR5 DIMMs up to 6400 MT/s	
Storage	Up to 8x SSD 2,5" U.2 7мм PCIe 5.0 NVMe or up to 4x SSD 2,5" U.2 15мм PCIe 5.0 NVMe	Up to 2x SSD M2.2280 PCIe NVMe Up to 8x SSD 2,5" U.2 7мм PCIe 5.0 NVMe or Up to 4x SSD 2,5" U.2 15мм PCIe 5.0 NVMe
External slots	1x PCIe Gen5 OCP 3.0 2x PCIe Gen5 x16 HHHL or 1x PCIe Gen5 x16 HHHL 2x PCIe Gen5 x8 HHHL in various configurations	1x PCIe Gen5 OCP 3.0 4x PCIe Gen5 x16 HHHL
External connectors on the front panel	1x USB-A 3.0 1x mini-VGA 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)	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)
Cooling system	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	

Минпромторг России

Appearance:

DELTA COMPUTERS

Slots for installing NVMe

PCIe expansion slots

Slots for installing NVMe

MiniVGA connector

RJ45 connector

USB-A 3.0

OCP 3.0 network card slot (Mezz)

Other products:

High-End server

GPGPU platform

Data storage systems

Server chassis

Data storage infrastructure

Basic data center infrastructure

Computing infrastructure

Infrastructure for AI and HPC Delta

DELTA GUEPARD 1A

DELTA SPIDER XL

DELTA SPRUT S

Delta Spider

DELTA GUEPARD SM

Delta Sprut

PCIe switch

Server

Server

Delta Firebird

DELTA GUEPARD SM

DELTA AKTURU 2

Delta Serval

Network infrastructure

Delta Tioga Pass

Delta Guepard

Delta Akturu

Delta Dragonfly

Ethernet-switch