Communication server Delta Octopus

Delta Octopus communication server based on Intel® Xeon® Scalable 5th and 4th Generation Processors

The hardware platform can be used for PAK in NGFW scenarios, load balancers, VPN concentrators, BRAS/BNG, and various crypto-analytical applications

Features:

- Capability to install up to 5 high-speed PCIe x16 Gen5 OCP 3.0 adapters

- Support for processors with up to 64 cores and a TDP of up to 350 W

- Up to 4 TB of DDR5 RAM up to 5600 MT/s

- Presence of a case opening sensor, support for AMDZ installation

- Extensive monitoring and control functionality in the Delta BMC system (UD 4 certified)

Processor	1x 5th Generation Intel® Xeon® Scalable Emerald Rapids, up to 350 W or 1x 4th generation Intel® Xeon® Scalable Sapphire Rapids, up to 350 W
RAM	16 x DDR5 DIMM up to 5600 MT/s (For Emerald Rapids processors up to 5600 MT/s; for Sapphire Rapids processors up to 4800 MT/s)
Storage	2x SSD M2.2280 PCIe Gen3 x4
External slots	5 x PCIe Gen5 x16 OCP 3.0
External connectors on the front panel	1 x USB 3.0 1x RJ-45 Gigabit Ethernet 10/100/1000 Mbps (Remote connection to the management system (Delta BMC) and operating system via a single port) 1 x RJ45 Console port
Data storage	2 x NVMe SSD M.2
Security measures	Case opening sensor 1x M2.2230 Key-E for AMDZ
Power supply	2x CRPS power supply, 800/1300W or from centralized OCP busbar, 12V or from 48V telecom standard power bus (Telco Rack)
Firmware	Delta BIOS Delta BMC
Device size type Assembled weight	1U Dimensions (HxWxD): 600x439x43 mm Up to 14 kg