

Communication server

Delta Octopus

Communication server Delta Octopus
based on Intel® Xeon® Scalable
Emerald Rapids and Intel® Xeon®
Scalable Sapphire Rapids

Delta Octopus provides high-speed
processing of large volumes of traffic
by leveraging the most advanced
technological advantages
of the platform:

-  Up to 64 cores Intel® Xeon® Scalable Emerald Rapids
-  DDR 5 RAM with frequency up to 5600 MHz
-  5 slots OCP 3.0 PCIe Gen5 x 16



Delta Octopus communications server allows software
developers to implement Load Balancers, VPN
Concentrators, BRAS/BNG and various cryptanalytic
applications.

Processor	5 Intel® Xeon® Scalable (Emerald Rapids) or 4 Intel® Xeon® Scalable (Sapphire Rapids)	Firmware	Delta BIOS Delta BMC
RAM	16 x DIMM DDR5 up to 5600 MHz (for processors Emerald Rapids) 16 x DIMM DDR5 up to 4800 MHz (for processors Sapphire Rapids)	Power supply	2 x CRPS power supplies or from a centralized busbar OCP 12V or from the 48V telecom power bus standard (Telco Rack)
Expansion slots	5 x PCIe Gen5 OCP 3.0	Dimensions, L x W x H	630 mm x 439 mm x 43 mm
Built-in interfaces	1 x 1 Gbe RJ-45 1 x USB 3.0 1 x Console port	Weight	14 kg
Data storage	2 x NVMe SSD M.2		
Trusted boot module	Yes		