

# DELTA DRAGONFLY

## Ethernet-switch

High-speed network WhiteBox switch based on ASIC Broadcom Tomahawk 3 and Intel® Xeon® Scalable 5th generation processor with 400 and 200 Gb/s interfaces

The platform is designed for organizing high-speed core network level networks, as well as aggregation and access levels in medium and large companies



## Features:

- ▶ Switching capacity of 12.8 Tbit/s
- ▶ Possibility of using an external Control board for SD-WAN scenarios
- ▶ Support for hot swapping power supplies and cooling fans
- ▶ Extensive monitoring and control functionality in the Delta Sokol and Delta BMC systems
- ▶ Configuration variability:
  - 32 QSFP-DD 400 Gb/s ports
  - 32 QSFP-56 ports, 200 Gb/s
  - 24x QSFP-56 Gb/s + 4x QSFP-DD 400 Gb/s
- ▶ Can be installed in a standard 19" rack, as well as in a 21" OCP Rack or Telco Rack

Switching matrix	1x ASIC Broadcom Tomahawk 3 Switching capacity 12.8 Tbit/s		
Control processor	1x 5th Generation Intel® Xeon® Scalable(Emerald Rapids)		
Random access memory	4x DIMM DDR5 up to 5600 MT/s		
	Model		
Connectors	DN5032	DN4032	DN4424
	32x QSFP-DD 400 Gbit/s Breakout support  4 x 100 Gbit/s 2x SFP+ 10 Gbit/s (MLAG/Control board)	32x QSFP-56 200 Gbit/s Breakout support  2 x 100 Gbit/s, 4 x 25 Gbit/s и 4 x 50 Gbit/s  2x SFP+ 10 Gbit/s (MLAG/Control board)	24x QSFP-56 200 Gbit/s 4x QSFP-DD 400 Gbit/s Breakout support  4 x 100 Gbit/s, 4 x 25 Gbit/s, 2 x 100 Gbit/s, 4 x 25 Gbit/s и 4 x 50 Gbit/s  2x SFP+ 10 Gbit/s (MLAG/Control board)
Power supply	2x CRPS power supply or from centralized OCP 12V busbar or from a 48V-60V telecom standard (Telco Rack) power supply		
Number of cooling fans	5 pcs. N+1 reservation formula Front-to-back and back-to-front support		
Embedded software	Delta BIOS Delta BMC		
Device size type	1U		
Dimensions, W x D x H	630 mm x 439 mm x 43 mm		
Mass	11 kg		

## Interface:



## Other products:

