

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



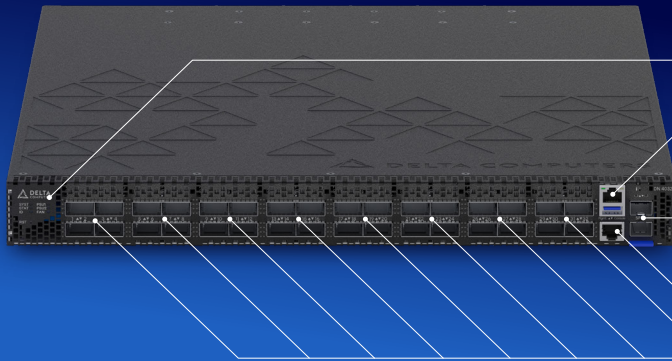
Features:

- ▶ Switching capacity of 12.8 Tbit/s
- ▶ Configuration variability:
 - 32 QSFP-DD 400 Gb/s ports
 - 32 QSFP-56 200 Gb/s ports
 - 28x QSFP-56 Gb/s + 4x QSFP-DD 400 Gb/s ports
 - 24x QSFP-56 Gb/s + 8x QSFP-DD 400 Gb/s ports
- ▶ Possibility of using an external Control board for SD-WAN scenarios
- ▶ Possibility of using an external Control board for SD-WAN scenarios
- ▶ Extensive monitoring and control functionality in the Delta Sokol and Delta BMC systems
- ▶ Can be installed in a standard 19" rack, as well as in a 21" OCP Rack or Telco Rack

Коммутационная матрица	1x ASIC Broadcom Tomahawk 3 Коммутационная емкость 12,8 Тбит/с			
Управляющий процессор	1x 5th Generation Intel® Xeon® Scalable(Emerald Rapids)			
Оперативная память	4x DIMM DDR5 up to 5600 MT/s			
Хранение данных	1x M.2.2280 NVMe			
	Model			
	DN5032	DN4032	DN4824	DN4428
Connectors	32x QSFP-DD 400 Gbit/s Branching support (breakout support): 4 x 100 Gbps 2x SFP+ 10 Gbit/s (MLAG/Control board) 1x RJ-45 Gigabit Ethernet 10/100/1000 Mbit/s (Possibility of remote connection to the control system (Delta BMC) and operating system via a single port) 1 x RJ45 Console port 1x USB-A 3.0	32x QSFP-56 200 Gbit/s Branching support (breakout support): 2 x 100 Gbit/s, 4 x 25 Gbit/s and 4 x 50 Gbit/s 2x SFP+ 10 Gbit/s (MLAG/Control board) 1x RJ-45 Gigabit Ethernet 10/100/1000 Mbit/s (Possibility of remote connection to the control system (Delta BMC) and operating system via a single port) 1 x RJ45 Console port 1x USB-A 3.0	28x QSFP-56 200 Gbit/s 4x QSFP-DD 400 Gbit/s Branching support (breakout support): 4 x 100 Gbit/s, 4 x 25 Gbit/s, 2 x 100 Gbit/s, 4 x 25 Gbit/s and 4 x 50 Gbit/s 1x RJ-45 Gigabit Ethernet 10/100/1000 Mbit/s (Possibility of remote connection to the control system (Delta BMC) and operating system via a single port) 1 x RJ45 Console port 1x USB-A 3.0	24x QSFP-56 200 Gbit/s 8x QSFP-DD 400 Gbit/s Branching support (breakout support): 4 x 100 Gbit/s, 4 x 25 Gbit/s, 2 x 100 Gbit/s, 4 x 25 Gbit/s and 4 x 50 Gbit/s 2x SFP+ 10 Gbit/s (MLAG/Control board) 1x RJ-45 Gigabit Ethernet 10/100/1000 Mbit/s (Possibility of remote connection to the control system (Delta BMC) and operating system via a single port) 1 x RJ45 Console port 1x USB-A 3.0
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			

▶ The manufacturer has the right to make changes to the technical characteristics, names, appearance and configuration of the product without prior notice. Please check the specifications with our managers before placing an order.

Interface:



Display panel

Control port

2x SFP

RJ-45 console port

32x QSFP ports

Other products:

