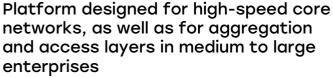# Ethernet-switch Delta Dragonfly

High-speed network WhiteBox switch Delta Dragonfly WhiteBox network switch is based on Broadcom Tomahawk 3 ASIC and 5th Gen Intel® Xeon® Scalable processor, offering 400, 200 and 100Gbps interfaces

Platform designed for high-speed core networks, as well as for aggregation and access layers in medium to large enterprises

Features:

- Switching capacity of 12.8 Tbps
- Various configurations:

      32 x 400Gbps QSFP-DD

      32 x 200 Gbps QSFP-56

      24 x 200Gbps QSFP-56 + 4 x 400Gbps QSFP-DD

- Possibility to use external Contral board for SD-WAN scenario

- Extensive monitoring and control functionality in the Delta BMC and Delta Sokol system

- Capable of mounting in either a standard 19" rack or 21" OCP Rack

- Supports hot-swapping of power supplies and cooling fans

	Switching matrix	1x ASIC Broadcom Tomahawk 3 Switching capacity 12.8 Tbps				
	Control processor	1x Intel® Xeon® Scalable 5th Gen (Emerald Rapids)				
	RAM	4x DIMM DDR5 up to 5600 MHz				
		Model				
		DN5032	DN4032	DN3032	DN4424	DN3424
	Connectors	32x QSFP-DD 400 Gbps Branching support (breakout support) 4 x 100 Gbps 2x SFP+ 10 Gbps (MLAG/Control board)	32x QSFP-56 200 Gbps Branching support (breakout support) 2 x 100 Gbps, 4 x 25 Gbps and 4 x 50 Gbps 2x SFP+ 10 Gbps (MLAG/Control board)	32x QSFP-28 100 Gbps Branching support (breakout support) 4 x 25 Gbps 2x SFP+ 10 Gbps (MLAG/Control board)	24x QSFP-56 200 Gbps 4x QSFP-DD 400 Gbps Branching support (breakout support) 4 x 100 Gbps, 4 x 25 Gbps, 2 x 100 Gbps, 4 x 25 Gbps and 4 x 50 Gbps 2x SFP+ 10 Gbps (MLAG/Control board)	24x QSFP-28 100 Gbps 4x QSFP-DD 400 Gbps Branching support (breakout support) 4 x 100 Gbps and 4 x 25 Gbps 2x SFP+ 10 Gbps (MLAG/Control board)
	Power supply	2 x CRPS power supplies or From 12V OCP centralized busbar or from 48V-60V telecom standard power supply (Telco Rack)				
	Number of cooling fans	5pcs. Reservation formula N+1 Front-to-back and back-to-front support				
	Embedded software	Delta BIOS Delta BMC				
	Size type Dimensions, W x L x H	1U, 630 mm x 439 mm x 43 mm				