

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 and 200Gbps 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 Control board for SD-WAN scenario
- Capable of mounting in either a standard 19" rack or 21" OCP Rack
- Supports hot-swapping of power supplies and cooling fans
- Extensive monitoring and control functionality in the Delta BMC and Delta Sokol system

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|------------------------------------|---|---|---|
| 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 | | |
| Connectors | Model | | |
| | DN5032 | DN3032 | DN4424 |
| | 32x QSFP-DD 400 Gbps Branching support (breakout support) 4 x 100 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) |
| 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 | | |