



Introducing 400GbE Tofino 2 Switch



DCS810 (AS9516-32D)



The Edgecore AS9516-32D switch is a programmable leaf or spine switch for large scale data centers.

Based on the Intel (formerly known as Barefoot) Tofino 2 ASIC it allows for advanced P4 Programmability.

In a 1RU form factor, the switch provides, amongst others, line-rate L2 switching and L3 routing, deep packet inspection and traffic load balancing.

KEY FEATURES

- 32 x QSFP-DD ports, each supporting 1 x 400 GbE, or 4 x 100 GbE, 8 x 50 GbE, 16 x 25 GbE and 10/40 GbE via breakout cables
- Four programmable packet processing pipelines for 12.8 Tbps of total bandwidth
- Layer 2 or Layer 3 forwarding of 12.8 Tbps (full duplex)
- Pre-Loaded with Open Network Install Environment (ONIE)
- P4 Programmability

USE CASES

- Deploys as leaf or spine switch supporting 25/50/100 GbE to servers, with 100 or 400 GbE uplinks.
- Deploys as spine switch supporting 100 or 400 GbE leaf and spine interconnects.

KEY COMPONENTS

- Intel (Barefoot) Tofino 2 BFN-T20-128Q ASIC
- Intel Pentium D-1517 (4 cores @1.6GHz) CPU
- 8GB SO-DIMM RAM
- 128GB M.2 SSD Storage

SUPPORTED SOFTWARE



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