Barefoot Tofino™

• 6.5 Tb/s P4-programmable Ethernet Switch
• Port Configurations
  • 65x100GE/40GE
  • 130x50GE
  • 260x10/25GE
• Open Forwarding Plane Program
  • switch.p4
• CPU Interface
  • PCIe Gen3 x4
Tofino and P4™

**Performance:**
At 6.5Tb/s Tofino is the fastest switch chip in the world.

**Cost:**
Price and Power - same as fixed-function chips.

**Programmability:**
Easy to program using P4 programming language.
Wedge 100B Series

• Two platforms – 1RU 32x100GE & 2RU 65x100GE

• Derived from Wedge 100

• Includes several cost and quality enhancements

• User-programmable forwarding plane using P4
Wedge 100BF-32X
Wedge 100BF-32X

- Tofino ASIC
- RackMon 2x2 RJ45 I/F
- PSU #1
- COM-Express CPU module
- Air baffle
- BMC console OOB Ethernet
- Type-A USB
- 1x5 fans-tray
- PSU #2
- Fan_ctrl and RackMon card
- Fan_ctrl card cable
- M.2 128Gbyte SSD
- Mavericks-32 main board
- 2x16 QSFP28 ports
- LED selection button and status LED
- Debug connector
Wedge 100BF-65X
Wedge 100BF-65X

- RackMon 2x2 RJ45 I/F
- COM-Express CPU module
- Mavericks-64 top board
- Air baffle
- Tofino ASIC
- 4x16 QSFP28 ports
- 65th QSFP28 port
- Type-A USB
- BMC console
- OOB Ethernet
- 2x5 fans
- PSU #1
- PSU #2
- Fan_ctrl and RackMon card
- Fan_ctrl card cable
- M.2 128Gbyte SSD
- Mavericks-64 bottom board
- Mezzanine Connector
- LED selection button and status LED
- Debug connector

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CPU & BMC

• CPU
  • Modular COM Express Type 6
  • PCIe Gen2/3 x4
  • Intel Xeon D-1517
    • 4 Core@2.2GHz
    • 8GB DDR4 SDRAM
    • 128GB M.2 SSD

• BMC
  • Aspeed AST1250A1-GP
  • 400MHz
Thank you!