Open for All.
SONiC on Cisco 8000

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- 10.8T device with 3 roles
- NPU for modular systems w/ Ethernet fabric (flexible network/fabric allocation)
- Fabric element
- System on Chip
- Large on-die SRAM forwarding resources
- TCAM
- SRAM
- On-package FIB & buffer expansion via HBM
Cisco 8000
Powered by Cisco Silicon ONE

Cisco 8200

Cisco 8800
SONiC on Cisco 8200 Platforms

SONiC
- SAI Mapping
- SDK
- Debian Linux

Platform Plug-Ins

CPU

NPU

OPTICS
Decomposing Cisco 8000

Fabric NPU

Line Card NPU

Cisco 8800

Fabric Cards

Route Processors

Line Cards
Forwarding Model

- Flexible fabric switching mode - Ethernet or VOQ
- Complete visibility within chassis
- Packet and byte counters, packet mirroring at each switching point
- Each CPU runs a unique SONiC instance
- BGP instance per NPU on the LC
Packet Forwarding Model