

Data Plane

Forwarding Engine Card

Forwarding Table

Forwarding Engine

Forwarding Engine Card

Forwarding Table

Forwarding Engine

Control Plane

Route Control Processor

Memory

Routing Table

Forwarding Backplane

Queue Manager

Buffer Memory

Traffic Manager

L2/L3 Network Interface

Line Card

Queue Manager

Buffer Memory

Traffic Manager

L2/L3 Network Interface

Line Card

Queue Manager

Buffer Memory

Traffic Manager

L2/L3 Network Interface

Line Card

Shared Backplane

4

6

5

3

7

8

2

1

10

11

12

13

9