

(年份) 2005 2008 2011 2014 2017 2020 2025

- 1.FlowStream 2.LINC-Switch  
3.indigo 4.CPqD 5.snabbswitch  
6.OVS 7.ESwitch 8.PISCES  
9.NetBricks 10.bmv2 11.SOCNiC  
12.Andromeda

软交换

OpenFlow →

P4 →

软交换性能

100Mbps

10Gbps

- 1.NetFPGA1G 2.PLUG 3.XScale  
4.SwitchBlade 5.NetFPGA10G  
6.Flexpipe 7.RMT 8.XPliant  
9.NetFPGA100G 10.BlueSwitch  
11.AgilioTM 12.ClickNP 13.Tofino  
14.P4FPGA 15.SDNet 16.Azure  
17.Tofino2

硬交换

FPGA →

ASIC →

NP →

FPGA性能

1Gbps

200Gbps

ASIC性能

600Gbps

12.8Tbps

异构

GPU →

- 1.PacketShader 2.G-opt  
3.APUNet

