IXP2400 chip

PCI bus

PCI iface.

coprocessor bus
coproc. iface.
classif. acceler.

ASIC

Flash Mem.

Media or Switch Fabric interface

optional host connection

multiple, independent internal buses

receive

transmit

input and output demux

QDR SRAM

DDR DRAM

SRAM iface.

DRAM iface.

hash unit

scratch memory

FC bus iface.

flow control bus

Media or Switch Fabric