optional host connection
PCI bus
coprocessor bus
IXP2400 chip
classif. acceler.
ASIC
XScale RISC processor
PCI iface.
SRAM iface.
QDR SRAM
coproc. iface.
DRAM iface.
DDR DRAM
MEs 1 - 4
multiple, independent internal buses
hash unit
MEs 5 - 8
scratch memory
Flash Mem.
slow port
FC bus iface.
Media or Switch Fabric interface
receive
transmit
flow control bus
Media or Switch Fabric
input and output demux