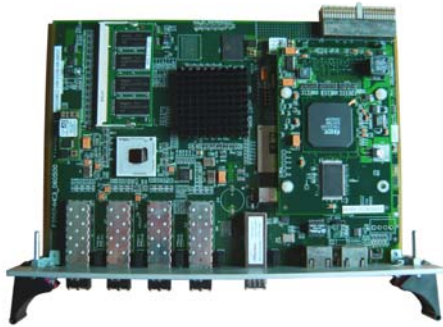


# Flexcomm FIDS24MC3 System

2.5 Giga Compact PCI board for Firewall / IDS / Network Monitor / Load Balance etc.



## Product Overview

The next-generation of multi-service network products must meet the growing users' demand for an integrated solution of packet filter, content inspection and state-checking techniques. In addition to implementing pivotal technologies, such as multi-layer filter and content detection at wire speed, equipment manufacturers must also deliver products that can be easily upgraded with software under stringent time-to-market deadline. This capability is important because it can facilitate the cost-effective deployment of new services without extensive hardware replacement.

Based on Intel IXP2400 network processor, FIDS24MC3 meets these requirements significantly. Intel network processor delivers high-performance and is flexible to value-add services because of its powerful parallel and programmable multi micro-engines. In conjunction with FIDS24MC3 SDK, FIDS24MC3 can dramatically meet the requirements of the next generation of Firewall, IDS, Network monitoring, Load balance, Content filter, Traffic statistics, accounting, Protocol analysis and etc..

## Product Highlights

- Accelerates time-to-market of broadband products based on IXP2400, IXF1104, PMC5381, TCAM.
- Platform FIDS24MC3 is a 6U cPCI card
- FIDS SDK 1.0 includes:
  1. BSP/ Drivers for RT VxWorks.
  2. Reference design.
  3. System structure/ software structure/ interface spec documents.
- Hardware, software, tools and documents form a total platform.

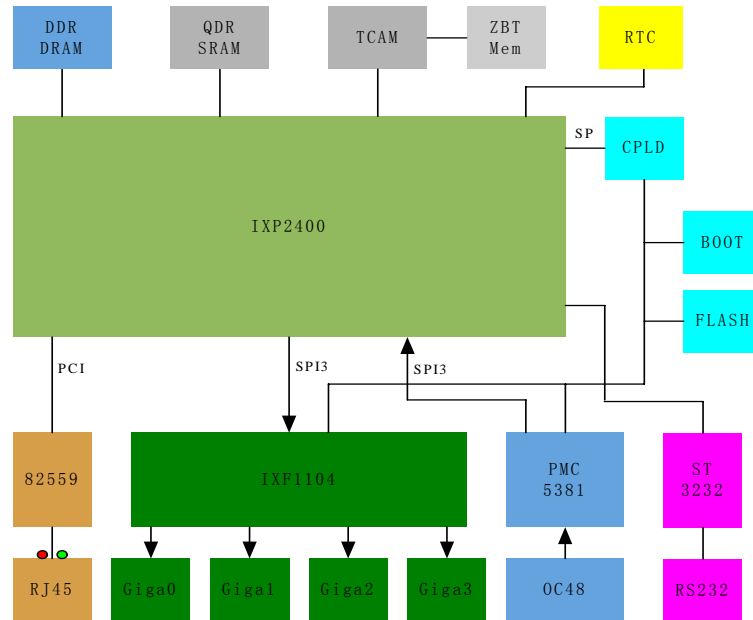
## FIDS24MC3 SDK

- BSP/ Drivers for VxWorks
- IPV4 throughput reference design
- 5-tuple packet filtering reference design with TCAM
- The following building blocks from Intel:
  1. Packet receive;
  2. Packet transmit;
  3. Queue management
  4. Packet scheduling;
  5. Interface to the TCP/IP stack on the Intel XScale core

## Physical Description

Description	Specification
Physical Dimensions	233mmx160mm
Power	35 Watts (max.)
Operating Tem	0° to 50° C
Storage Tem	-20° to 60° C

## Block Diagram



## Hardware Specification

<b>Processor</b>	Intel®IXP2400 network processor
<b>Memory</b>	512MB DDR DRAM, 4MB QDR SRAM (up to 16MB), 4.5Mb TCAM
<b>Flash</b>	16MB FLASH
<b>Front-panel Features</b>	One 2.5 Gigabit optical connector (only for input)
	Four Gigabit optical connectors (only for output)
	One 10/100 RJ-45 Ethernet connector (for control)
	One RJ45 serial port connector
	One recessed master reset switch
	Green/Red/Pass/Fail indicator LEDs for GE port and OC48