

# RapidIO® DQU Switch Product Brief

## Features

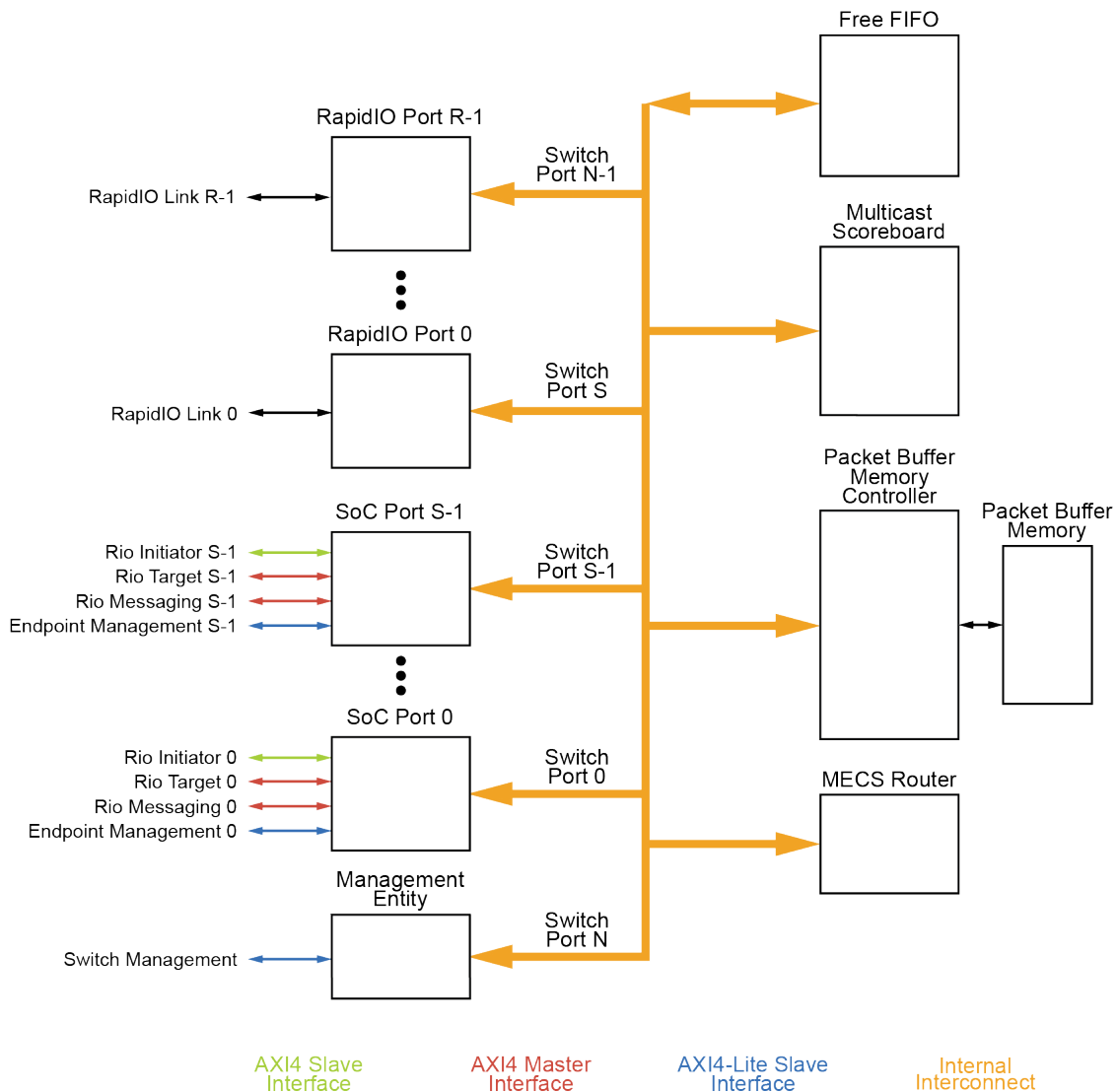
- Support for up to 256 ports
- Up to four AXI4 SoC bridge ports
- Options for on-die SRAM or HBM for packet buffer memory
- Dev8 or Dev16 packet forwarding
- Up to 4096 multicast groups
- RapidIO ports to 100 Gbps

## Description

The RapidIO Distributed Queuing Unit Switch is a scalable switch architecture built on the Praesum DQU switching IP toolkit, and can support multi-terabit switching capacity.

Praesum can rapidly deliver switches with port interfaces customized for specific applications. This includes the number and type of RapidIO ports as well as AXI4 bridge ports which are used for SoC integration

Figure 1 RapidIO® DQU Switch Architecture



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**PRAESUM COMMUNICATIONS**

2175 NW Raleigh St., Suite 110 • Portland, Oregon 97210

Tel: 503-482-4353 • Web: [www.praesum.com](http://www.praesum.com)