

Features

- Cost effective, dual 8 x 1X port, InfiniBand switch (based on 2 EyeBee8 cards).
- Using Mellanox's MT21108 silicon
- HSSDC2 Copper connectors
- SerDes interface: 2.5V parallel interface operating at 125 MHz (SSTL_2). Data is either 10-bit 8B/10B encoded or 8-bit unencoded.
- SerDes settings, interrupt routing, reset generation etc, - CPLD controlled.
- Minimum PCB peak-to-peak loss: (1% - 2%) – "Via-less" 2.5 Gbps traces.
- Configuration loading from the EPROM's.
- Low power.
- Can be ordered as a single 8 port switch.

Components

- 2 EyeBee8 independent switches.
- 2 Power supplies (one per EyeBee8).
- Front DB9 connectors enabling reprogramming of the onboard EPROM's.

EyeBee8 Card**Physical Specifications**

- Switch dimensions:
1U – 19" Rack
443x416 mm
- Weight: ~3.5kg.

Application

- Dual 8 x 1X port, IB switch
- Redundant or as 2 switches
- Can be supplied with one 8 port switch (upgradable).

