





Figure 1 - Infiniband™ IO Unit Structure

**Target Ports**

An SRP target port attached to an Infiniband™ Fabric shall be an IO Controller. The SRP target port identifier shall be the value of the IO Controller GUID. The Infiniband™ specifications define means that an SRP initiator port attached to an Infiniband™ Fabric may use to establish communication with an SRP target port.

NOTE 3 - A single SRP target port may be accessed using multiple paths through an Infiniband™ Fabric, which may include multiple Infiniband™ Ports on one or more Channel Adapters.

Any Channel Adapter allowing attachment of an SRP target port to an Infiniband™ Fabric shall implement the Device Management Agent class of Infiniband™ general management services.

The IOCONTROLLERPROFILE attribute describing an SRP target port shall report the component values listed in table 1.

**Table 1 - IOCONTROLLERPROFILE component values**

Component	Value
GUID	SRP target port identifier
IO CLASS	FF00h
IO SUBCLASS	609Eh
PROTOCOL	0108h
PROTOCOL VERSION	See table 2

**Table 2 - PROTOCOL VERSION values**

Value	Description
0000h	The IO Controller does not claim conformance to any standard.
0001h	The IO Controller claims conformance to this standard.
0002h - FFFFh	Reserved

Table 3 lists values that may be reported in the `SERVICENAME` components of the `SERVICEENTRIES` attribute for an SRP target port. The first entry (entry 00h) in the `SERVICEENTRIES` list for an SRP target port shall report the `SERVICENAME` component value `SRP.T10.NCITS`.

**Table 3 - `SERVICENAME` values**

<b>Value</b>	<b>Description</b>
<code>SRP.T10.NCITS</code>	SRP operation over a Reliable Connection channel.

**EDITOR'S NOTE 1** - The Infiniband™ specifications are ambiguous about how the service name is padded within the fixed size (40 byte) `SERVICENAME` component. I believe the name is supposed to be padded with nulls (00h), however I need to confirm that.