

Setting Up Physical Connection between High Availability Nodes

In an HA configuration, the two SBC Core platforms are connected to each other with the two HA ports using a pair of GigE cables. The connection provides both box-level and port-level redundancy. The HA pair consists of four management ports; two ports each per platform. When switchover occurs, the logical management address follows the currently active server. The packet ports, the MAC and IP addresses float between the HA pair (are replicated from active to standby on switchover).

i A logical management address is the IP address associated with a Logical Management IP Interface previously created using EMA or CLI. See the following pages to configure a Logical Management IP Interface:

- [Logical Management IP Interface - CLI](#)
- [Management - Logical Mgmt IP Interface \(EMA\)](#)

Connect HA cables between the HA pair as shown:

Active HA0 <-----> **Standby HA0**

Active HA1 <-----> **Standby HA1**

i Note
The SBC fails to pair with a machine that is not functionally equivalent in an upward compatibility configuration. During system installation and startup, make sure that the servers are designed to operate together and support full redundancy and high availability. Also, an HA pairing between SBC 5210, SBC 5200, SBC 5110, SBC 5100 and SBC 7000 is forbidden.

Figure 1: HA Pair Setup between two SBC 5100 Platforms



