



Perle 594e Addendum

This is an addendum to the *594e User and Reference Guide* for users who are using the 594e-SBC model. The 594e-SBC model can be identified by a serial number that starts with 87-01.

594e Functionality

The 594e-SBC model behaves the same as described in the *594e User and Reference Guide*, with the following changes:

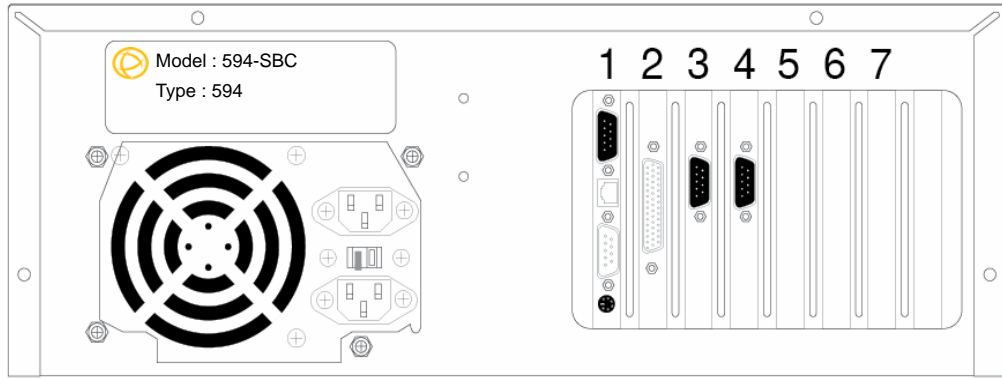
- The SBC Card has 64 MB onboard memory, so you will not have to perform any memory upgrades.
- The Ethernet connection is located on the SBC Card. Only one Ethernet LAN connection is supported.
- You can install up to two Twinaxial 48 cards in the 594e-SBC chassis, for a maximum of 56 Twinaxial devices.
- The 594e-SBC chassis no longer supports the following:
 - The Network Controller Feature.
 - Token Ring LAN cards.
 - The 10 Mb (ID 45) Ethernet Feature card.
 - The 10/100 MB (ID 49) Ethernet Feature card (the new 10/100 Ethernet card will still be identified by Card ID 49).
 - Twinaxial 41 cards.
 - Twinaxial 44 DBCS cards.
 - ASCII 42 cards.

594e-SBC Software

You must use only version 6.00G software or higher with the 594e-SBC chassis. Version 6.00G or higher software will not function on an existing 594e (non SBC) chassis.

Card Slot Positions

The following diagram displays the order of the cards in their slots for the Perle 594e-SBC chassis.



Feature Card Type	Physical Slot	Logical Location
SBC Card (Ethernet)	1	3
Sync Card	2	1
Twinaxial 48 Card	3,4	2,4

Note: Even though the SBC Card is physically in Slot 1, the system recognizes the virtual Ethernet card as being logically in Slot 3.

SRC Changes

The following SRC messages have been updated with the following descriptions:

SRC	Description
100	A hardware problem has been detected on the motherboard. Replace the 594e-SBC Card.
101	A hardware problem has been detected on the motherboard memory. Replace the motherboard SIMM(s). If the problem persists, replace the 594e-SBC Card.