

SBC 7000 CSC7000 Core Server Card

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SBC 7000 series chassis slot 0 contains the Core Server Card (CSC) module which is used for control and data plan processing. The CSC contains two (2) High Availability ports (10G), two (2) Management Ports (10MB/100MB/1G), and Redundant 10G Packet Ports (2 primary + 2 secondary). The CSC product code is SBC-7000-CSC.

Figure 1: SBC 7000 Core Server Card



Parts and Tools Required

The following items are needed to replace a CSC:


- Electrostatic discharge (ESD) strap
- Replacement CSC
- A #2 Phillips-head screwdriver



Note

To prevent damage from electrostatic discharge, an ESD strap is provided in the accessory kit. See [Connecting Electrostatic Discharge Wrist Strap on SBC 7000](#) to install it.

Replacing Core Server Card

 Safety shield cover must be intact when system is powered on.

To replace a CSC, do the following:

1. Backup the configuration. Before installing a new license file, a configuration backup must be taken by using the command `saveConfig`, which generates the `.tar.gz` backup file prior to the replacement. The backup must be taken before performing any operation on the system. For detailed information, refer to [Restoring SBC Configuration](#).
2. Perform a graceful shutdown of the SBC 7000 series system through BMC GUI.
3. Attach an Electrostatic Discharge wrist strap by using the ESD grounding point on the back panel of the chassis (see [Connecting Electrostatic Discharge Wrist Strap on SBC 7000](#) for details).
4. Remove all the existing connections from all the ports.
5. Unscrew the thumb screws using #2 Phillips-head screwdriver, open release levers on each side, and pull the CSC module out.

Figure 2: SBC 7000 Core Server Card pulled out



6. To replace, insert the new module to the correct slot, push the CSC module completely.
7. Close the release levers.
8. Tighten the thumb screws using #2 Phillips-head screwdriver.
9. Re-connect all the ports.
10. Start the SBC 7000 series system through BMC GUI.

CRU Storage

All SBC 7000 series CRUs are shipped in electrostatic discharge (ESD) bags and must be handled by using appropriate ESD precautions. The storage environment for these CRUs are:

- Humidity must be less than 95% (non-condensing).
- Temperature must be between -40C and +70C.



The ESD Susceptibility symbol



warns of the presence of Sonus devices susceptible to electrostatic discharge. Do not handle equipment without wearing a properly grounded ESD wrist strap.

