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# SBC 7000 Series CRUs

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This section describes the following SBC 7000 series CRUs:

- [SBC 7000 AC Power Supply](#)
- [SBC 7000 CSC7000 Core Server Card](#)
- [SBC 7000 DC Power Supply](#)
- [SBC 7000 DSP-LC Card](#)
- [SBC 7000 Fan Assembly](#)
- [SBC 7000 SCC7000 System Control Card](#)
- [SBC 7000 Series Air Filter](#)
- [SBC 7000 Series Bezel](#)
- [SBC 7000 SFP Modules](#)
- [SBC 7000 Solid State Drive](#)

## Component Replacement Behavior

SBC 5000/7000 series customer replaceable units (CRUs) are classified as either hot swappable, hot pluggable or cold pluggable as defined below.

**Hot Swappable Behavior:** A hot swappable component is installed, removed or replaced without stopping or shutting down the system. The appropriate alarms are raised and automatically cleared by the system during this action. The SBC continues to operate normally if it is the active server, or continues to provide HA protection if it is the standby server.

**Hot Pluggable Behavior:** A hot pluggable component is installed, removed or replaced while the system is in running condition; however, the user must take action to ensure service is not interrupted during the time of the installation, removal or replacement because the SBC stops providing service during this maintenance window. Note that depending upon the removed component or device, the BMC may immediately power down the remaining components. Removing a hot pluggable component must not damage the component or the any other component on the system.

**Cold Pluggable Behavior:** A cold pluggable component is installed, removed or replaced only after the system is powered down and input power removed.

**Table 1:** SBC 7000 Component Replacement Behavior

Component Name	Component Replacement Behavior
AC/DC power supply	Hot Swappable
Fan assembly	Hot Swappable
Air Filter	Hot Swappable
Solid State Drive (SSD)	Hot Pluggable
SFP and SFP+	Hot Swappable
Bezel	Hot Swappable
BMC system control card (SCC7000)	Cold Pluggable
CSC7000 (Core Server Card)	Hot Pluggable
SBC 7000 DSP-LC (Large Capacity)	Hot Pluggable

