

Statement of Volatility for SRX5400, SRX5600, and SRX5800 Services Gateways

This document helps you to identify the non-volatile (NV) memory devices where the user data resides on the SRX5400, SRX5600, and SRX5800 Services Gateways.

It does not address the destruction procedures of the non-volatile (NV) memory devices. As all the NV memory devices used in the SRX product family are commercial off-the-shelf (COTS) components, directions for destruction of those components are left to the governing Department, Agency, or Office.

The SRX5400, SRX5600, and SRX5800 Services Gateways hardware components that have the non-volatile memory devices are listed below.

Chassis

Chassis part numbers:

- SRX5400-CHAS
- SRX5400X-CHAS
- SRX5600-CHAS
- SRX5600X-CHAS
- SRX5800-CHAS
- SRX5800X-CHAS

Non-Volatile Memory Device	Description
ID EEPROM	Only used to store FRU identification data. No user data is stored.

Switch Control Board (SCB) with Routing Engine (RE)

Part numbers of SCB and RE:

- SCB
 - SRX5K-SCB
 - SRX5K-SCBE
 - SRX5K-SCB3
- RE
 - SRX5K-RE-13-20
 - SRX5K-RE-1800X4

Non-Volatile Memory Device	Description
ID EEPROMs	Only used to store FRU identification data. No user data is stored.

Non-Volatile Memory Device	Description
Firmware BIOS Flash for Routing Engine (RE)	Part of the RE complex; stores the BIOS image for the RE. Hardware ID number from Intel is 82802C. No user data is stored.
CMOS bytes	Stores Boot Sequences & System Config. No user data is stored.
Compact Flash (CF)	Used to store software (Junos) image and user configuration information
Hard drive / Solid State Drive (SSD)	Used to backup the software (Junos) image and user configuration information (snapshot of CF), message log files and other temporary files used by various daemons.

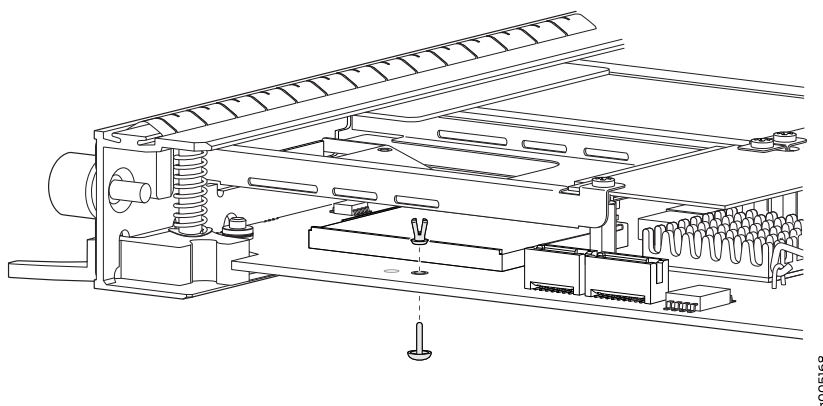


NOTE: In addition, the RE has one USB port, into which the user can install an external USB disk device to store core dumps, system configuration, software images, etc. The system does not store any user data onto storage devices attached to these port.

The below procedure explains how to remove the Compact Flash card that is located under the solid-state drive (SSD) labeled SATASSD2 on the Routing Engine.

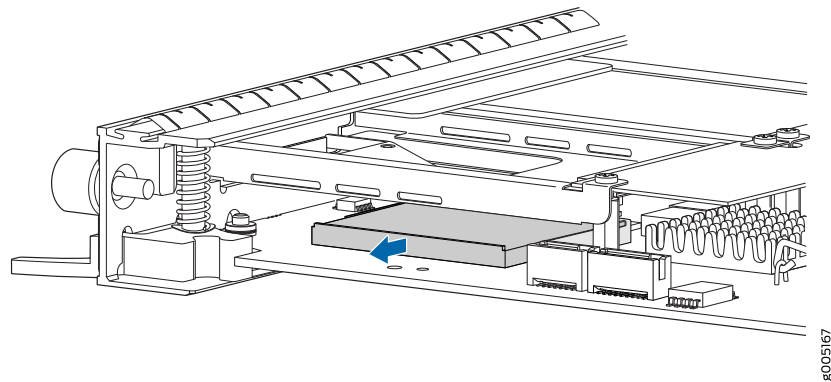
1. Place an electrostatic bag or antistatic mat on a flat, stable surface.
2. Attach an electrostatic discharge (ESD) grounding strap to your bare wrist, and connect the strap to the ESD point on the chassis.
3. Remove the Routing Engine as described in Removing the SRX5800 Services Gateway Routing Engine.
4. Remove the snap rivet.

Figure 1: Removing the Snap Rivet



5. Gently grasp the Compact Flash card and slide it out of the connector, and place it on the antistatic mat or in the electrostatic bag.

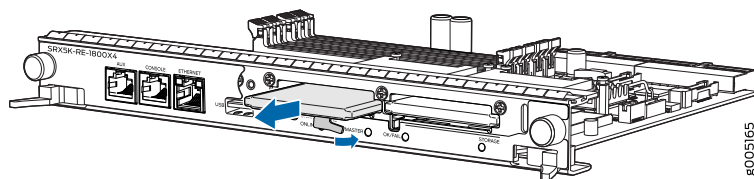
Figure 2: Removing the Compact Flash Card



The below procedure explains how to remove the solid-state drive (SSD) located in the slot labeled SATASSD1 on the SRX5K-RE-1800X4 Routing Engine:

1. Place an electrostatic bag or antistatic mat on a flat, stable surface.
2. Attach an electrostatic discharge (ESD) grounding strap to your bare wrist, and connect the strap to the ESD point on the chassis.
3. Unfasten the thumbscrew that secures the access door in front of the storage drive slots, and open the door.
4. Slide the lock on the ejector to the unlocked position.
5. The SSD pops partially out of the slot. Grasp the SSD and carefully slide it completely out of the slot.

Figure 3: Removing an SSD



6. Place the SSD on the antistatic mat.

Switch Control Board (SCB)

Part numbers of SCB:

- SRX5K-SCB
- SRX5K-SCBE

- SRX5K-SCB3

Non-Volatile Memory Device	Description
ID EEPROM	Only used to store FRU identification data. No user data is stored.

Services Processing Card (SPC), Input-Output Card (IOC), IOC2, IOC3, and Flex IOC (SRX5K-FPC-IOC)

Part numbers of SPC, IOC, IOC2, IOC3, and Flex IOC:

- SPC
 - SRX5K-SPC-2-10-40
 - SRX5K-SPC-4-15-320
- IOC
 - SRX5K-40GE-SFP
 - SRX5K-4XGE-XFP
- IOC2
 - SRX5K-MPC
- IOC3
 - SRX5K-MPC3-40G10G
 - SRX5K-MPC3-100G10G
- Flex IOC
 - SRX5K-FPC-IOC

Non-Volatile Memory Device	Description
ID EEPROM	Only used to store FRU identification data. No user data is stored.
PMB (Processor Mezzanine Board) mezzanine	Boot flash monitor for PMB processor; stores the boot loader/ monitor image for the PMB. No user data is stored.

Module Interface Card (MIC) for IOC2 and Port Modules for Flex IOC

Part numbers of MIC for IOC2 and Port Modules for Flex IOC:

- MIC for IOC2
 - SRX-MIC-20GE-SFP
 - SRX-MIC-10X G-SFPP

- SRX-MIC-1X100G-CFP
- SRX-MIC-2X40G-QSF
- Port Modules for Flex IOC
 - SRX-IOC-4XGE-XFP
 - SRX-IOC-16GE-TX
 - SRX-IOC-16GE-SFP

Non-Volatile Memory Device	Description
ID EEPROM	Only used to store FRU identification data. No user data is stored.
Anti-counterfeit security chip's internal EEPROM	Stores signature of the security chip. No user data is stored.

Fan Control Card (SRX5800-HC-FAN)

Non-Volatile Memory Device	Description
ID EEPROM	Only stores FRU identification data. No user data is stored.

Power Supplies

Part numbers of Power Supplies:

- SRX5600-PWR-AC
- SRX5600-PWR-DC
- SRX5800-PWR-AC
- SRX5800-PWR-DC
- SRX5600-PWR-2400-DC-S
- SRX5600-PWR-2520-AC-S
- SRX5800-PWR-4100-AC
- SRX5800-PWR-4100-DC-S

Non-Volatile Memory Device	Description
Internal ID EEPROM	Used to store FRU identification data. No user data is stored.

Juniper Networks certifies that all the other components of the SRX5400, SRX5600, and SRX5800 Services Gateways are volatile, so they do not store any data/information after the services gateway is switched off.

**Related
Documentation**

- For more information, please refer to the topics listed below from the SRX5800 Services Gateway Hardware Guide, or SRX5600 Services Gateway Hardware Guide, or SRX5400 Services Gateway Hardware Guide:
 - [Switch Control Board SRX5K-SCB3 Specifications](#)
 - [Routing Engine SRX5K-RE-1800X4 Specifications](#)

Modified: 2017-03-22