



9550 Firmware Update Instructions

Firmware: F3MU100 – September 26, 2025

Scope

This document provides:

- Upgrade instructions for the MR firmware F3MU100

This document describes how to upgrade the firmware on a Micron 9550 Gen5 NVMe SSD using either nvme-cli or msecli. For further assistance with this process please contact your local Micron representative.

When testing firmware upgrade/downgrade between these versions, AWOR (Commit Action 3) can be utilized, and no power cycle is required.

Firmware upgrade and downgrade compatibility table:

From		To	Notes
F3MU011	<->	F3MU100	AWOR (Commit Action 3) - Supported
F3MU100	<->	F3MU100P	Ping Pong Firmware for upgrade and downgrade testing. AWOR (Commit Action 3) - Supported



Upgrade using nvme-cli (commands verified on version 2.4)

1. Download and install latest version of nvme-cli from github.com:
 - a. <https://github.com/linux-nvme/nvme-cli/releases>
2. Obtain the required firmware from your Micron contact:
 - a. Firmware name: Micron_9550_F3MU100_release.ubi.enc
3. List the SSDs in the system:
 - a. `nvme list`
Note: The target name (nvmeX) for the SSD
4. To download the firmware, use the following nvme-cli commands:
 - a. `nvme fw-download /dev/nvmeX -f Micron_9550_F3MU100_release.ubi.enc`
Note: The same firmware file is used for all form factors and densities
5. To commit the firmware, use the following nvme-cli command:
 - a. `nvme fw-commit /dev/nvmeX -s 2 -a 3`
6. Confirm the firmware has been successfully updated to version F3MU100
 - a. `nvme id-ctrl /dev/nvmeX | grep "fr "`

Upgrade using msecli (commands verified on version 10.07.072024.00)

1. Download and install latest version of msecli from your Micron contact
2. Obtain the required firmware from your Micron contact:
 - a. Firmware name: Micron_9550_F3MU100_release.ubi.enc
3. List the SSDs in the system:
 - a. `msecli -L`
Note: The target name (nvmeX) for the SSD
4. To download the firmware, use the following msecli command:
 - a. `msecli -F -U Micron_9550_F3MU100_release.ubi.enc -S 2 -n /dev/nvmeX`
Note: The same firmware file is used for all form factors and densities
5. Confirm the firmware has been successfully updated to version F3MU100
 - a. `msecli -L`