



9550 Firmware Update Instructions

Firmware F3MU111 – January 14, 2026

Scope

This document provides:

- Upgrade instructions for the firmware F3MU111

This document describes how to upgrade the firmware on a Micron 9550 Gen5 NVMe SSD using either nvme-cli or msectl. 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	<->	F3MU111	AWOR (Commit Action 3) - Supported
F3MU100	<->	F3MU111	AWOR (Commit Action 3) - Supported
F3MU102	<->	F3MU111	AWOR (Commit Action 3) - Supported
F3MU110	<->	F3MU111	AWOR (Commit Action 3) - Supported
F3MU111	<->	F3MU111P	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_F3MU111_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_F3MU111_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 F3MU111
 - 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_F3MU111_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_F3MU111_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 F3MU111
 - a. `msecli -L`