



7600 Firmware Update Instructions

Firmware: E6MU001 – July 31, 2025

Scope

This document describes how to upgrade the firmware on a Micron 7600 Gen5 NVMe SSD using either nvme-cli or msecli. For further assistance with this process please contact your local Micron representative.

Upgrade using nvme-cli

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_7600_E6MU001_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_7600_E6MU001_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. **Power cycle of the host is recommended but not required**
7. Confirm the firmware has been successfully updated to version E6MU001
 - a. nvme list

Upgrade using msecli

1. Download and install latest version of msecli from micron.com:
 - a. <https://www.micron.com/sales-support/downloads/software-drivers/storage-executive-software>
2. Obtain the required firmware from your Micron contact:
 - a. Firmware name: Micron_7600_E6MU001_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_7600_E6MU001_release.ubi.enc -S 2 -n /dev/nvmeX`

Note: The same firmware file is used for all form factors and densities

5. **Power cycle of the host is recommended but not required**
6. Confirm the firmware has been successfully updated to version E6MU001
 - a. `msecli -L`

Ping-Pong Testing

Use E6MU001P firmware for testing firmware upgrade/downgrade.

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
E6MU001	<->	E6MU001P	Recommended for Ping-Pong testing AWOR (Commit Action 3) - Supported
E6MU000	<->	E6MU001	AWOR (Commit Action 3) - Supported