

7500 Firmware Update Instructions

FW: E3MQ005 – May 1, 2025

Scope

This document describes how to upgrade the firmware on a Micron 7500 Gen4 NVMe SSD to the E3MQ005 FW release using 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 Micron 7500 Firmware from your Micron contact:
 - a. Firmware name: Micron_7500_E3MQ005_release.ubi
3. List the SSDs in the system:
 - a. nvme list
 - i. 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_7500_E3MQ005_release.ubi
5. To commit and activate 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 E3MQ005
 - a. nvme id-ctrl /dev/nvmeX | grep fr

Upgrade using msecli

1. Download and install latest version of msecli from micron.com:
 - a. <https://www.micron.com/products/solid-state-storage/storage-executive-software>
2. Obtain the required Micron 7500 Firmware from your Micron contact:
 - a. Firmware name: Micron_7500_E3MQ005_release.ubi
3. List the SSDs in the system:
 - a. msecli -L
 - i. Note: The target name (nvmeX) for the SSD
4. To download and activate the firmware, use the following msecli commands:
 - a. msecli -F -U Micron_7500_E3MQ005_release.ubi -n /dev/nvmeX -S 2
5. Confirm the firmware has been successfully updated to version E3MQ005
 - a. msecli -F -n /dev/nvmeX



8000 S. Federal Way, P.O. Box 6, Boise, ID 83707-0006 208-368-4000, micron.com/support
Micron and the Micron logo are trademarks of Micron Technology, Inc.
All other trademarks are the property of their respective owners