# Cisco Baseboard Management Controller 2.0 Firmware Files, Release 2.0

**First Published:** 2025-08-24

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## Overview

For each release, Cisco UCS C-Series has a Host Upgrade Utility (HUU) ISO container which contains the Cisco BMC, BIOS and firmware for all the supported adapters. Using the HUU, you can update the firmware of the server components for each release. This document lists the firmware details for all 2.0 releases.

Additionally, this document also contains information on inter-dependencies between Cisco UCS hardware and the various versions of Cisco BMC. For instance, supported servers and adapters, and the corresponding recommended versions required for these components.

## Revision History

The following table shows the online change history for this document:

***Table 1: HUU Revision History Changes for 2.0 Releases***

| Release | Date | Description |
|---|---|---|
| 2.0.2.260101 | May 07, 2026 | Firmware files for 2.0.2.260101 for the following server:<br>• Cisco UCS C845A M8 Rack Server |
| 2.0.2.260062 | March 11, 2026 | Firmware files for 2.0.2.260062 for the following server:<br>• Cisco UCS C845A M8 Rack Server |
| 2.0.1.250127 | November 03, 2025 | Firmware files for 2.0.1.250127 for the following server:<br>• Cisco UCS C845A M8 Rack Server |
| 2.0.1.250096 | August 24, 2025 | Firmware files for 2.0.1.250096 for the following server:<br>• Cisco UCS C845A M8 Rack Server |

# Firmware Files for Release 2.0.2.260101

*Table 2: ucsc-845a-m8-huu-2.0.2.260101.iso*

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| CISCO | bios | BIOS | 1.9.3 |
| | bmc | Cisco BMC | 2.0(2.260101) |
| | scm_fpga | DC-SCM FPGA | 1.09 |
| | sw_fpga | Switch Board FPGA | 0.30 |
| | mb_fpga | Motherboard FPGA | 1.0d |
| | rot | Root of Trust | 2.0.14 |
| | PSU | Power Supply Unit | 01.00.03,01.0c.0d |
| INTEL | CAI-O-ID10GC | Cisco(R) X710T2LG 2x10 GbE RJ45 OCP 3.0 NIC | 0x800101A3-1.839.1-9.56 |

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| NVIDIA | CAI-P-N3140H | Nvidia OEM BlueField-3 B3140H SuperNIC 1x400G QSFP112, Crypto Disabled | 32.47.1088 |
| | CAI-P-NC3140H | NVIDIA BlueField-3 B3140H Super-NIC 1x400G QSFP112, PCIe Gen5.0 x16, Crypto enabled | 32.47.1088 |
| | CAI-P-N3220 | Nvidia OEM BlueField-3 B3220 DPU 2x200G QSFP112, Crypto Disabled | 32.47.1088 |
| | CAI-P-NC3220 | NVIDIA BlueField-3 B3220 DPU 2x200G QSFP112, PCIe Gen5.0 x16, Crypto Enabled | 32.47.1088 |
| | CAI-P-N7D200GFO | NVIDIA OEM MCX755106AS-HEAT 2x200GbE QSFP112 Gen5x16, PCIe VPI NIC; No Crypto | 28.47.1088 |
| | CAI-P-N7S400GFO | NVIDIA OEM MCX715105AS-WEAT CX-7 1x400GbE QSFP112 PCIe Gen5 x16 VPI NIC | 28.47.1088 |
| | CAI-P-N7D200GF | Cisco-NVDA MCX755106AS-HEAT 2x200GbE QSFP112 Gen5 x16 PCIe NIC | 28.47.1088 |
| | CAI-P-N7Q25GF | Cisco-NVDA MCX713104AS-ADAT 4x25GbE SFP56 Gen4 x16 PCIe NIC | 28.47.1088 |
| | CAI-P-N7S400GF | Cisco-NVDA MCX715105AS-WEAT 1x400GbE QSFP112 Gen5 x16 PCIe NIC | 28.47.1088 |
| | CAI-GPU-H200-NVL | NVIDIA H200-NVL GPU 600W, 141GB, 2-slot FHFL | 9[illegible] |
| | CAI-GPU-L40S | NVIDIA L40S GPU: 350W, 48GB, 2-Slot FHFL | 9[illegible] |
| | CAI-GPU-H100-NVL | NVIDIA H100-NVL GPU 400W, 94GB, 2-slot FHFL PCIe GPU | 9[illegible] |
| | CAI-GPU-RTXP6000 | GRAPHIC CONTROLLER, PCIe, NVIDIA RTX Pro 6000: 600W, 96GB, 2-Slot FHFL GPU,0 to 50C | 98[illegible] |
| | CAI-GPU-RTXP6000D | GRAPHIC CONTROLLER, PCIe, NVIDIA RTX Pro 6000D: 600W, 84GB, 2-Slot FHFL GPU,0 to 50C | 98[illegible] |
| | CAI-GPU-RTXP4500 | NVIDIA RTX Pro 4500 GPU 165W, 32GB, FHFL PCIe GPU | 98[illegible] |

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| | CAI-P-N7Q25GFO | NVIDIA OEM MCX713104AS-ADAT CX-7 4x25GbE SFP56 Gen4 x16 PCIe NIC | 28.47.1088 |
| MARVELL | CAI-M2-HWRAID | Cisco Boot optimized M.2 Raid controller | 2.3.17.1014 |
| AMD | CAI-GPU-MI210 | AMD MI-210 GPU; 300W 64GB, 2 slot FHFL | 113-D67307V-075_3.16 |
| KIOXIA | CAI-NVES1T9K1V | 1.9TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |
| | CAI-NVES3T8K1V | 3.8TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |
| | CAI-NVES7T6K1V | 7.6TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |
| | CAI-NVES1T9K2V | 1.9TB E1.S 15mm Kioxia XD8 Hg Perf Med End Gen5 1X NVMe | 1ZET6102 |
| | CAI-NVES3T8K2V | 3.8TB E1.S 15mm Kioxia XD8 Hg Perf Med End Gen5 1X NVMe | 1ZET6102 |
| | CAI-NVES7T6K2V | 7.6TB E1.S 15mm Kioxia XD8 Hg Perf Med End Gen5 1X NVMe | 1ZET6102 |
| SANDISK | CAI-NVES1T9D1V | 1.9TB E1.S 15mm Sandisk SN861 Hg Perf Med End Gen5 1X NVMe | RG41020E |
| | CAI-NVES3T8D1V | 3.8TB E1.S 15 mm Sandisk SN861 Hg Perf Med End Gen5 1X NVMe | RG41020E |
| | CAI-NVES7T6D1V | 7.6TB E1.S 15 mm Sandisk SN861 Hg Perf Med End Gen5 1X NVMe | RG41020E |
| | CAI-NVES15T3D1V | 15.3TB E1.S 15 mm Sandisk SN861 Hg Perf Med End Gen5 1X NVMe | RG41020E |

***Table 3: HDD Firmware Update Support***

| HDD | Model | Cisco PID | Firmware |
|---|---|---|---|
| 240GB SATA M.2 | MTFDDAV240TGA | CAI-M2-240G | D4CS000 |
| 960GB SATA M.2 | MTFDDAV960TGA | CAI-M2-960G | D4CS000 |
| 240GB M.2 Boot Solidigm S4520 SATA 1X SSD | SSDSCKKB240GZK | CAI-M2240OA1V | 7CV1CS05 |

*Table 4: Driver Versions*

| Driver | Driver Version |
|---|---|
| i40e.ko | 2.28.6 |
| ahci.ko | 3.0 |
| mstflint_access.ko | 2.0.0 (Nov-27-2012) |
| ice.ko | 1.16.3 |
| amdgpu-rhel94.ko | NA |

# Firmware Files for Release 2.0.2.260062

*Table 5: ucsc-845a-m8-huu-2.0.2.260062.iso*

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| CISCO | bios | BIOS | 1.9.1 |
| | bmc | Cisco BMC | 2.0(2.260062) |
| | scm_fpga | DC-SCM FPGA | 1.09 |
| | sw_fpga | Switch Board FPGA | 0.30 |
| | mb_fpga | Motherboard FPGA | 1.0d |
| | rot | Root of Trust | 2.0.14 |
| | PSU | Power Supply Unit | 01.00.03,01.0c.0d |
| INTEL | CAI-O-ID10GC | Cisco(R) X710T2LG 2x10 GbE RJ45 OCP 3.0 NIC | 0x8000FBE7-1.837.0 -9.54 |

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| NVIDIA | CAI-P-N3140H | Nvidia OEM BlueField-3 B3140H SuperNIC 1x400G QSFP112, Crypto Disabled | 32.46.1006 |
| | CAI-P-N3220 | Nvidia OEM BlueField-3 B3220 DPU 2x200G QSFP112, Crypto Disabled | 32.46.1006 |
| | CAI-P-N7D200GFO | NVIDIA OEM MCX755106AS-HEAT 2x200GbE QSFP112 Gen5x16, PCIe VPI NIC; No Crypto | 28.43.2026 |
| | CAI-P-N7S400GFO | NVIDIA OEM MCX715105AS-WEAT CX-7 1x400GbE QSFP112 PCIe Gen5 x16 VPI NIC | 28.43.2026 |
| | CAI-P-N7D200GF | Cisco-NVDA MCX755106AS-HEAT 2x200GbE QSFP112 Gen5 x16 PCIe NIC | 28.43.2026 |
| | CAI-P-N7S400GF | Cisco-NVDA MCX715105AS-WEAT 1x400GbE QSFP112 Gen5 x16 PCIe NIC | 28.43.2026 |
| | CAI-GPU-H200-NVL | NVIDIA H200-NVL GPU 600W, 141GB, 2-slot FHFL | 96.00.D9.00.0E-1010.0230.00.02-00.02.0192.0000_n00 |
| | CAI-GPU-L40S | NVIDIA L40S GPU: 350W, 48GB, 2-Slot FHFL | 95.02.66.00.15-G133.0242.00.03-00.02.0134.0000_n02 |
| | CAI-GPU-H100-NVL | NVIDIA H100-NVL GPU 400W, 94GB, 2-slot FHFL PCIe GPU | 96.00.D9.00.0D-1010.0210.00.02-00.02.0192.0000_n00 |
| | CAI-GPU-RTXP6000 | GRAPHIC CONTROLLER, PCIe, NVIDIA RTX Pro 6000: 600W, 96GB, 2-Slot FHFL GPU,0 to 50C | 98.02.8D.00.01-G153.0210.00.02 |
| MARVELL | CAI-M2-HWRAID | Cisco Boot optimized M.2 Raid controller | 2.3.17.1014 |
| AMD | CAI-GPU-MI210 | AMD MI-210 GPU; 300W 64GB, 2 slot FHFL | 113-D67307V-075_3.16 |

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| KIOXIA | CAI-NVES1T9K1V | 1.9TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |
| | CAI-NVES3T8K1V | 3.8TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |
| | CAI-NVES7T6K1V | 7.6TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |
| | CAI-NVES1T9K2V | 1.9TB E1.S 15mm Kioxia XD8 Hg Perf Med End Gen5 1X NVMe | 1ZET6102 |
| | CAI-NVES3T8K2V | 3.8TB E1.S 15mm Kioxia XD8 Hg Perf Med End Gen5 1X NVMe | 1ZET6102 |
| | CAI-NVES7T6K2V | 7.6TB E1.S 15mm Kioxia XD8 Hg Perf Med End Gen5 1X NVMe | 1ZET6102 |
| SANDISK | CAI-NVES3T8D1V | 3.8TB E1.S 15 mm Sandisk SN861 Hg Perf Med End Gen5 1X NVMe | RG41020E |
| | CAI-NVES7T6D1V | 7.6TB E1.S 15 mm Sandisk SN861 Hg Perf Med End Gen5 1X NVMe | RG41020E |
| | CAI-NVES15T3D1V | 15.3TB E1.S 15 mm Sandisk SN861 Hg Perf Med End Gen5 1X NVMe | RG41020E |

*Table 6: HDD Firmware Update Support*

| HDD | Model | Cisco PID | Firmware |
|---|---|---|---|
| 240GB SATA M.2 | MTFDDAV240TGA | CAI-M2-240G | D4CS000 |
| 960GB SATA M.2 | MTFDDAV960TGA | CAI-M2-960G | D4CS000 |
| 240GB M.2 Boot Solidigm S4520 SATA 1X SSD | SSDSCKKB240GZK | CAI-M2240OA1V | 7CV1CS05 |

*Table 7: Driver Versions*

| Driver | Driver Version |
|---|---|
| i40e.ko | 2.28.6 |
| ahci.ko | 3.0 |
| mstflint_access.ko | 2.0.0 (Nov-27-2012) |
| ice.ko | 1.16.3 |

| Driver | Driver Version |
|---|---|
| amdgpu-rhel94.ko | NA |

# Firmware Files for Release 2.0.1.250127

*Table 8: ucsc-845a-m8-huu-2.0.1.250127.iso*

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| CISCO | bios | BIOS | 1.6.2 |
| | bmc | Cisco BMC | 2.0(1.250127) |
| | scm_fpga | DC-SCM FPGA | 1.09 |
| | sw_fpga | Switch Board FPGA | 0.30 |
| | mb_fpga | Motherboard FPGA | 1.0c |
| | rot | Root of Trust | 2.0.14 |
| | PSU | Power Supply Unit | 01.00.02,01.0c.0c |
| INTEL | CAI-O-ID10GC | Cisco(R) X710T2LG 2x10 GbE RJ45 OCP 3.0 NIC | 0x8000FBE7-1.837.0-9.54 |

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| NVIDIA | CAI-P-N3140H | Nvidia OEM BlueField-3 B3140H SuperNIC 1x400G QSFP112, Crypto Disabled | 32.44.1036 |
| | CAI-P-N3220 | Nvidia OEM BlueField-3 B3220 DPU 2x200G QSFP112, Crypto Disabled | 32.44.1036 |
| | CAI-P-N7D200GFO | NVIDIA OEM MCX755106AS-HEAT 2x200GbE QSFP112 Gen5x16, PCIe VPI NIC; No Crypto | 28.43.2026 |
| | CAI-P-N7S400GFO | NVIDIA OEM MCX715105AS-WEAT CX-7 1x400GbE QSFP112 PCIe Gen5 x16 VPI NIC | 28.43.2026 |
| | CAI-P-N7D200GF | Cisco-NVDA MCX755106AS-HEAT 2x200GbE QSFP112 Gen5 x16 PCIe NIC | 28.43.2026 |
| | CAI-P-N7S400GF | Cisco-NVDA MCX715105AS-WEAT 1x400GbE QSFP112 Gen5 x16 PCIe NIC | 28.43.2026 |
| | CAI-GPU-H200-NVL | NVIDIA H200-NVL GPU 600W, 141GB, 2-slot FHFL | 96.00.D9.00.0E-1010.0230.00.02-00.02.0192.0000_n00 |
| | CAI-GPU-L40S | NVIDIA L40S GPU: 350W, 48GB, 2-Slot FHFL | 95.02.66.00.15-G133.0242.00.03-00.02.0134.0000_n02 |
| | CAI-GPU-H100-NVL | NVIDIA H100-NVL GPU 400W, 94GB, 2-slot FHFL PCIe GPU | 96.00.D9.00.0D-1010.0210.00.02-00.02.0192.0000_n00 |
| | CAI-GPU-RTXP6000 | GRAPHIC CONTROLLER, PCIe, NVIDIA RTX Pro 6000: 600W, 96GB, 2-Slot FHFL GPU,0 to 50C | 98.02.81.00.01-G153.0210.00.02 |
| | MARVELL CAI-M2-HWRAID | Cisco Boot optimized M.2 Raid controller | 2.3.17.1014 |
| | AMD CAI-GPU-MI210 | AMD MI-210 GPU; 300W 64GB, 2 slot FHFL | 113-D67307V-073_3.16 |

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| KIOXIA | CAI-NVES1T9K1V | 1.9TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |
| | CAI-NVES3T8K1V | 3.8TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |
| | CAI-NVES7T6K1V | 7.6TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |
| | CAI-NVES1T9K2V | 1.9TB E1.S 15mm Kioxia XD8 Hg Perf Med End Gen5 1X NVMe | 1ZET6102 |
| | CAI-NVES3T8K2V | 3.8TB E1.S 15mm Kioxia XD8 Hg Perf Med End Gen5 1X NVMe | 1ZET6102 |
| | CAI-NVES7T6K2V | 7.6TB E1.S 15mm Kioxia XD8 Hg Perf Med End Gen5 1X NVMe | 1ZET6102 |

*Table 9: HDD Firmware Update Support*

| HDD | Model | Cisco PID | Firmware |
|---|---|---|---|
| 240GB SATA M.2 | MTFDDAV240TGA | CAI-M2-240G | D4CS000 |
| 960GB SATA M.2 | MTFDDAV960TGA | CAI-M2-960G | D4CS000 |
| 240GB M.2 Boot Solidigm S4520 SATA 1X SSD | SSDSCKKB240GZK | CAI-M2240OA1V | 7CV1CS05 |

*Table 10: Driver Versions*

| Driver | Driver Version |
|---|---|
| i40e.ko | 2.28.6 |
| ahci.ko | 3.0 |
| mstflint_access.ko | 2.0.0 (Nov-27-2012) |
| ice.ko | 1.16.3 |
| amdgpu-rhel94.ko | NA |

# Firmware Files for Release 2.0.1.250096

*Table 11: ucsc-845a-m8-huu-2.0.1.250093.iso*

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| CISCO | bios | BIOS | 1.6.0 |
| | bmc | Cisco BMC | 2.0(1.250096) |
| | scm_fpga | DC-SCM FPGA | 1.09 |
| | sw_fpga | Switch Board FPGA | 0.30 |
| | mb_fpga | Motherboard FPGA | 1.0c |
| | rot | Root of Trust | 2.0.14 |
| INTEL | CAI-O-ID10GC | Cisco(R) X710T2LG 2x10 GbE RJ45 OCP 3.0 NIC | 0x8000FBE7-1.837.0-9.54 |

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| NVIDIA | CAI-P-N3140H | Nvidia OEM BlueField-3 B3140H SuperNIC 1x400G QSFP112, Crypto Disabled | 32.44.1036 |
| | CAI-P-N3220 | Nvidia OEM BlueField-3 B3220 DPU 2x200G QSFP112, Crypto Disabled | 32.44.1036 |
| | CAI-P-N7D200GFO | NVIDIA OEM MCX755106AS-HEAT 2x200GbE QSFP112 Gen5x16, PCIe VPI NIC; No Crypto | 28.43.2026 |
| | CAI-P-N7S400GFO | NVIDIA OEM MCX715105AS-WEAT CX-7 1x400GbE QSFP112 PCIe Gen5 x16 VPI NIC | 28.43.2026 |
| | CAI-P-N7D200GF | Cisco-NVDA MCX755106AS-HEAT 2x200GbE QSFP112 Gen5 x16 PCIe NIC | 28.43.2026 |
| | CAI-P-N7S400GF | Cisco-NVDA MCX715105AS-WEAT 1x400GbE QSFP112 Gen5 x16 PCIe NIC | 28.43.2026 |
| | CAI-GPU-H200-NVL | NVIDIA H200-NVL GPU 600W, 141GB, 2-slot FHFL | 96.00.CE.00.0F-1010.0230.00.02-00.02.0192.0000_n00 |
| | CAI-GPU-L40S | NVIDIA L40S GPU: 350W, 48GB, 2-Slot FHFL | 95.02.66.00.15-G133.0242.00.03-00.02.0134.0000_n02 |
| | CAI-GPU-H100-NVL | NVIDIA H100-NVL GPU 400W, 94GB, 2-slot FHFL PCIe GPU | 96.00.CE.00.0E-1010.0210.00.02-00.02.0192.0000_n00 |
| | CAI-GPU-RTXP6000 | GRAPHIC CONTROLLER, PCIe, NVIDIA RTX Pro 6000: 600W, 96GB, 2-Slot FHFL GPU,0 to 50C | 98.02.81.00.01-G153.0210.00.02 |
| MARVELL | CAI-M2-HWRAID | Cisco Boot optimized M.2 Raid controller | 2.3.17.1014 |
| AMD | CAI-GPU-MI210 | AMD MI-210 GPU; 300W 64GB, 2 slot FHFL | 113-D67307V-073_3.16 |

| Type | Component/Cisco PID | Description | Version |
|---|---|---|---|
| KIOXIA | CAI-NVES1T9K1V | 1.9TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |
| | CAI-NVES3T8K1V | 3.8TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |
| | CAI-NVES7T6K1V | 7.6TB E1.S 15mm Kioxia XD7P Hg Perf Med End Gen4 1X NVMe | 1PET6103 |

*Table 12: HDD Firmware Update Support*

| HDD | Model | Cisco PID | Firmware |
|---|---|---|---|
| 240GB SATA M.2 | MTFDDAV240TGA | CAI-M2-240G | D4CS000 |
| 960GB SATA M.2 | MTFDDAV960TGA | CAI-M2-960G | D4CS000 |
| 240GB M.2 Boot Solidigm S4520 SATA 1X SSD | SSDSCKKB240GZK | CAI-M2240OA1V | 7CV1CS05 |

*Table 13: Driver Versions*

| Driver | Driver Version |
|---|---|
| i40e.ko | 2.28.6 |
| ahci.ko | 3.0 |
| mstflint_access.ko | 2.0.0 (Nov-27-2012) |
| ice.ko | 1.16.3 |
| amdgpu-rhel94.ko | NA |

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