



## Mini Storage

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## Mini Storage

The mini storage slot is a new slot that is present on the Cisco UCS M5 blade and rack servers. This slot can be empty, populated with an SD storage module, or populated with an M.2 SATA module.



**Note** Cisco UCS Manager does not support micro-SD card.

The mini storage SD module consists of an in-built SD controller and two SD cardslots. These cards have RAID 1 capability.

The mini M.2 SATA module consists of two SATA slots. The PCH controller present on the server controls the SATA drives on this module.

Starting with 4.0(4a), Cisco UCS Manager supports Cisco boot optimized M.2 Raid controller based off Marvell 88SE92xx PCIe to SATA 6Gb/s controller (UCS-M2-HWRAID) for mini storage.

You can use Cisco UCS Manager to inventory and manage the mini storage modules.

## Viewing Mini Storage Properties

Mini storage modules are supported only on M5 and higher servers.

### Procedure

	Command or Action	Purpose
<b>Step 1</b>	UCS-A# <b>scope server</b> [ <i>chassis-num/server-num</i>   <i>dynamic-uuid</i> ]	Enters server mode for the specified server.
<b>Step 2</b>	UCS-A /chassis/server # <b>show mini-storage</b> [ <i>detail</i> ]	Displays detailed information about the mini storage module for the specified server.

**Example**

This example displays detailed information about the mini storage module for server 6:

```
UCS-A# scope server 1/6
UCS-A /chassis/server # show mini-storage detail

Mini Storage Module:
  ID: 1
  Type: M2
  Model: UCS-MSTOR-M2
  Vendor: Cisco Systems Inc
  HW Rev: 0
  Serial: FCH2050JDHM
  VID: V00
  Part Number: 73-17926-04
  Product Name: Cisco UCS Mini-Storage Carrier for M.2
  Caption: Cisco UCS Mini-Storage Carrier for M.2 (holds up to 2)
  Description: Dual M.2 Mini-Storage Carrier (holds up to 2 M.2 modules)
```

## Viewing the Storage Controller for the Mini Storage

Mini storage modules are supported only on M5 and higher servers.

**Procedure**

	Command or Action	Purpose
<b>Step 1</b>	UCS-A# <b>scope server</b> [ <i>chassis-num/server-num</i>   <i>dynamic-uuid</i> ]	Enters server mode for the specified server.
<b>Step 2</b>	UCS-A /chassis/server # <b>scope mini-storage</b> <i>id m2</i>   <b>sd</b>	Enters mini-storage mode for the specified server and mini storage card type.
<b>Step 3</b>	UCS-A /chassis/server/mini-storage # <b>show referenced-controller</b> [ <b>detail</b> ]	Displays information about the storage controller referenced by the mini storage module for the specified server.

**Example**

This example displays information about the storage controller for the M.2 mini storage card in server 6:

```
UCS-A# scope server 1/6
UCS-A /chassis/server # scope mini-storage 1 m2
UCS-A /chassis/server/mini-storage # show referenced-controller detail

Referenced Controller:
  ID: 1
  Type: PCH
```

This example displays information about the storage controller for the SD mini storage card in server 3:

```
UCS-A# scope server 1/3
UCS-A /chassis/server # scope mini-storage 1 sd
UCS-A /chassis/server/mini-storage # show referenced-controller detail
```

Referenced Controller:

```
  ID: 1
  Type: PCH
```

