



# カバー、DIMM、およびCPUインストール マニュアル

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この章の内容は、次のとおりです。

- [カバー、DIMM、およびCPUインストールマニュアル \(1 ページ\)](#)

## カバー、DIMM、およびCPUインストールマニュアル

次の図は、コンピューティング ノードの FRU サービス ラベルを示しています。

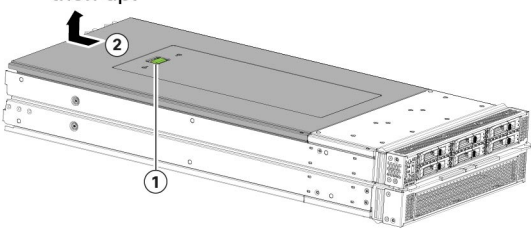
図 1: カバーの取り外しとコンポーネントの識別

Cisco UCS X410c M7 Compute Node Field Replaceable Unit Instructions

Front Panel Icons
📍 Locate
↔️ Activity
✅ System Status
🔌 Power

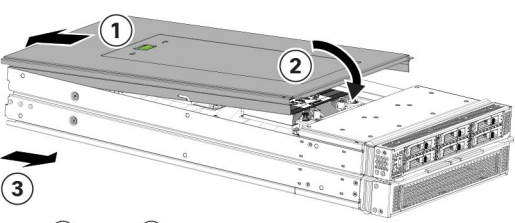
### Removing a Blade Cover

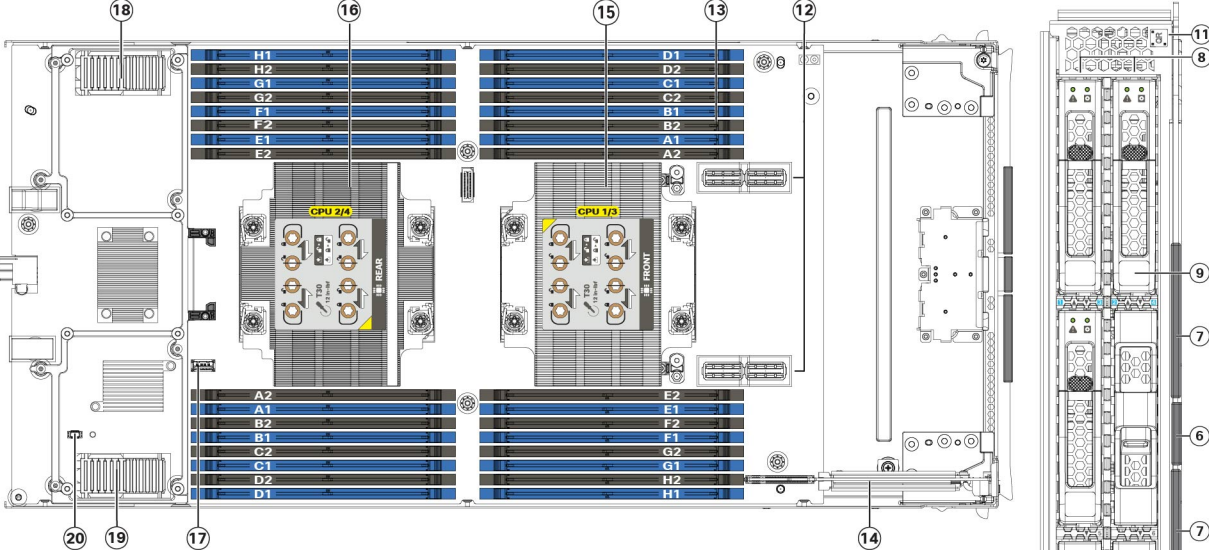
- ① Press and hold button down.
- ② Holding the back end of the cover, pull back and then up.



### Installing a Blade Cover

- ① Insert cover angled in until it hits stops on base.
- ② Lower front of cover down until it bottoms out.
- ③ Slide cover forward to close.





① Locate LED/Button	⑥ Blade Ejector Button	⑪ Asset QR Code	⑫ Front Mezzanine Connectors	⑬ DIMM Slots	⑭ Mini Storage Connector	⑮ Front CPU Heatsink	⑯ Rear Mezzanine Connector	⑰ USB Connector	⑱ Rear CPU Heatsink	⑳ TPM Connector
② Activity LED	⑦ Ejector Handle	⑫ Front Mezzanine Connectors	⑰ USB Connector	⑱ Rear Mezzanine Connector	⑲ Rear Mezzanine Connector	⑳ TPM Connector				
③ Status LED	⑧ Drive Slots 1 - 6	⑬ DIMM Slots	⑱ Rear Mezzanine Connector							
④ Power LED/Button	⑨ Populated Drive Slot	⑭ Mini Storage Connector								
⑤ Console Connector	⑩ Blank Drive Slot	⑮ Front CPU Heatsink								

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図 2: DIMM、CPU、およびミニストレージの交換手順

### DIMM Population Order

DIMMs for CPU 1

1	A1																		
2	A1	G1																	
4	A1	C1	E1	G1															
6	A1	C1	D1	E1	F1	G1													
8	A1	B1	C1	D1	E1	F1	G1	H1											
12	A1	B1	C1	D1	E1	F1	G1	H1	A2	C2	E2	G2							
16	A1	B1	C1	D1	E1	F1	G1	H1	A2	B2	C2	D2	E2	F2	G2	H2			

DIMMs for CPU 2

1	A1																		
2	A1	G1																	
4	A1	C1	E1	G1															
6	A1	C1	D1	E1	F1	G1													
8	A1	B1	C1	D1	E1	F1	G1	H1											
12	A1	B1	C1	D1	E1	F1	G1	H1	A2	C2	E2	G2							
16	A1	B1	C1	D1	E1	F1	G1	H1	A2	B2	C2	D2	E2	F2	G2	H2			

### Installing Memory/Blanks

- 1 Open both DIMM connector latches.
- 2 Press the DIMM into its slot, evenly applying pressure on both ends until it clicks.
- 3 Close the DIMM connector latches.
- 4 Populate all empty slots with DIMM blanks, following steps 1-3.

### DIMM Population Rules

Caution: Only Cisco memory is supported. Third-party DIMMs are not tested or supported.

1. There are 8 memory channels per CPU, and 2 DIMMs per channel.
2. The color coded channel population order is blue then black.
3. DIMMs shall be evenly distributed based on the number of CPUs installed.
4. No mixing of DIMM types (LRDIMM, RDIMM) is allowed.
5. All non-populated slots require DIMM blanks installed.
6. For populating systems with Intel® Optane™ Persistent Memory, refer to online Installation and Service Note.

### Removing and Installing a Heatsink and CPU

- 1 Using a T-30 Torx driver, unscrew the four captive nuts.
- 2 Move all rotating wires to the unlocked position.
- 3 Remove the heatsink with the attached CPU assembly and place it upside down on a flat surface. The CPU assembly consists of the CPU and the plastic CPU carrier.

- 4 Opposite the TIM Breaker side, pull the CPU carrier latches out and push them up for disengagement.
- 5 Rotate the TIM breaker 90° to release pressure from the CPU TIM, then rotate it back to its original position.
- 6 On the TIM Breaker side, pull the CPU carrier latches out and push them up for disengagement.
- 7 Lift the CPU assembly up and off the heatsink.
- 8 Using the provided wipes, clean off the thermal grease from the heatsink.

- 9 Ensure the CPU assembly is placed correctly on the CPU assembly tool. The triangle on the CPU carrier is the Pin 1 tab and it must be aligned with the Pin 1 angled corner of the plastic CPU assembly tool.
- 10 Apply the thermal grease to CPU top surface in the pattern shown in the Installation and Service Note.
- 11 Place the heatsink onto the CPU by aligning Pin 1 corner of the heatsink with the Pin 1 tab of the CPU carrier. Press down on the top surface of the heatsink until the latches on the CPU carrier engage. Double check latches are fully engaged before proceeding.
- 12 Move all rotating wires to the unlocked position.

- 13 Place the heatsink and attached CPU assembly on the CPU socket by aligning the Pin 1 tab on the CPU carrier with the Pin 1 angled corner of the socket.
- 14 Move all rotating wires to the locked position.
- 15 Using a T-30 Torx driver, tighten the four captive nuts to 12 in.-lb.

### Removing and Installing a Mini Storage Module

#### REMOVING

- 1 Loosen thumb screw turning counter clockwise to release the module.
- 2 Pull up the storage module to remove it.

#### INSTALLING

- 1 Insert module at a slight angle and align the thumb screw before installation.
- 2 Press the module down into the holder.
- 3 Turn thumb screw clockwise to secure module.

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## 翻訳について

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