Cisco UCS M8 Ordering Guide

Introduction

This ordering guide covers the ordering information for the below servers:

The Cisco UCS C220 M8 Rack Server:

The Cisco UCS C220 M8 Rack Server extends the capabilities of Cisco's Unified Computing System portfolio in a 1U form factor with the Intel® Xeon® 6 Scalable Processors, 16 DIMM slots per CPU for DDR5-6400 Memory DIMMs with DIMM capacity points up to 128GB.

The Cisco UCS C240 M8 Rack Server:

The Cisco UCS C240 M8 Rack Server extends the capabilities of Cisco's Unified Computing System portfolio in a 1U form factor with the Intel® Xeon® 6 Scalable Processors, 16 DIMM slots per CPU for DDR5-6400 Memory DIMMs with DIMM capacity points up to 256GB.

The Cisco UCS C245 M8 Rack:

The UCS C245 M8 SFF server extends the capabilities of Cisco's Unified Computing System portfolio in a 2U form factor with the 4th Gen. AMD EPYC™ CPUs, 12 DIMM slots per CPU for 4800 MT/s DDR5 DIMMs with individual DIMM capacity points up to 256 GB.

The Cisco UCS C225 M8 Rack:

The UCS C225 M8 SFF server extends the capabilities of Cisco's Unified Computing System portfolio in a 1U form factor with the 4th Gen. AMD EPYC™ CPUs, 12 DIMM slots per CPU for 4800 MT/s DDR5 DIMMs with individual DIMM capacity points up to 128 GB.

Purpose, Audience, and Scope

Purpose

This document describes how to order the Cisco UCS M8 Product.

Scope

This ordering guide describes the information for:

- Ordering Structure of Cisco UCS M8 Server
- Catalog of Product IDs
- Ordering Server Hardware and Software options
- Links to additional resources

Audience

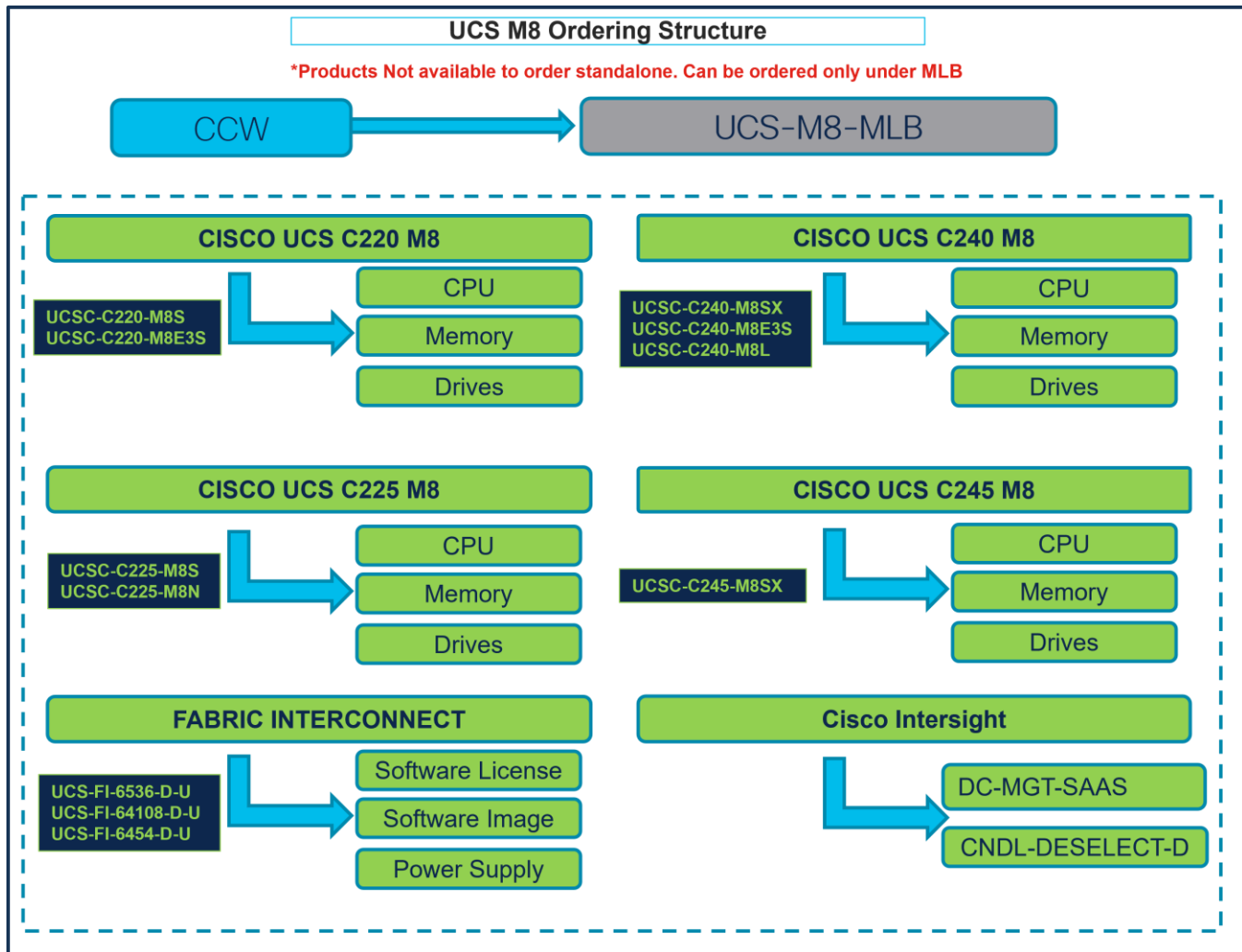Buy Method Through Cisco (Eg: Direct Customer & Tier 1 Partners):

- Scenario 1: Customer Without Enterprise Agreement for Cisco Intersight Software License
- Scenario 2: Customer With Enterprise Agreement for Cisco Intersight Software License

Buy Method Through Distributor (Eg: Tier 1 & Tier 2 Partners):

- Scenario 1: Customer Without Enterprise Agreement for Cisco Intersight Software License

- Scenario 2: Customer With Enterprise Agreement for Cisco Intersight Software License

Ordering Structure of Cisco UCS M8 Server

Catalog of Product IDs (PIDs)

Note: For a complete list of part numbers for the see the Cisco **UCS C245 M8 SFF Rack Server Spec Sheet and** Cisco **UCS C225 M8 SFF Rack Server Spec Sheet**

Table 1. PID of Major Line Bundle (MLB)

Product ID (PID)	Description
UCS-M8-MLB	UCS M8 RACK MLB

Table 2. Rack Server Major Line PIDs

Product ID (PID)	Description
UCSC-C220-M8S	UCS C220 M8 Rack w/o CPU, mem, drives, 1U w SFF backplane

Product ID (PID)	Description
UCSC-C220-M8E3S	UCS C220 M8 Rack w/o CPU, mem, drives, 1U w E3.S backplane
UCSC-C240-M8SX	UCS C240 M8 Rack w/o CPU, mem, drives, 2U w SFF backplane
UCSC-C240-M8E3S	UCS C240 M8 Rack w/o CPU, mem, drives, 2U w E3.S backplane
UCSC-C240-M8L	UCS C240 M8 Rack w/o CPU, mem, drives, 2U w LFF backplane
UCSC-C245-M8S	UCS C245M8 Rack w/o CPU, memory, drive, 2Uw24SFF HDD/SSD backplane
UCSC-C225-M8S	UCS C225M8 Rack w/o CPU, memory, drive, 1Uw10SFF HDD/SSD backplane
UCSC-C225-M8N	UCS C225M8 Rack w/o CPU, memory, drive, 1Uw10 NVMe drive backplane

Table 3.   Cisco Fabric Interconnect

Product ID (PID)	Description
UCS-FI-6536-D-U	Fabric Interconnect 6536
UCS-FI-64108-D-U	Fabric Interconnect 64108
UCS-FI-6454-D-U	Fabric Interconnect 6454

Table 4.   Cisco Intersight Major Line PIDs

Product ID (PID)	Description
DC-MGT-SAAS	Cisco Intersight SaaS
CNDL-DESELECT-D	Conditional Deselect

Step By Step Ordering Process

Buy Method Through Cisco (Eg: Direct Customer & Tier 1 Partners)

Scenario 1: Customer Without Enterprise Agreement for Cisco Intersight Software License

   Step 1.

a. In CCW, search for UCS–M8–MLB PID and click on "Add"

b. Click on "Select Options" to enter the configurator.

Step 2.

a. Select UCSC–C220–M8S ATO from under MLB by clicking the "PLUS".

b. Notice the UCSC–C220–M8S ATO Status is now Invalid as further configuration needed.

c. Click on "Edit Options" to enter the configurator.

Step 3.

a. Users need to select Management Mode option based on how they plan to deploy the Server.

Step 4.

a. If any AI Capable PID is selected, then User need to make selection from AI Intent option class.

Step 5.

a. By making the right selection it provides information to Cisco that if Server is being intended to use AI features or not.

Step 6.

a. Configure UCSC-C220-M8S by selecting peripherals from category window on the left.

b. PIDs are listed in the window on the right. Some PIDs like Processor, Memory, PCIe Riser and Drives are grouped according to type or series; select from the grouped options located above SKU window on the right..

c. Follow warning messages to configure the minimum required option PIDs.

d. Click on "Done" when completed.

Step 7.

a. Note Status is now showing as Valid.

b. Increase the quantity for multiples of same configuration.

c. Click the "PLUS" to add and configure the same product with different option/quantities or select a different product.

Step 8.

a. Click on "Edit Services/Subscriptions" to edit Term Duration for HW Support.

Note: It is recommended that Term Duration for HW Support must align with Software Subscription Duration.

Step 9.

a. Enter the Term Duration

b. Click on "Apply" and "Done"

Step 10.

a. Fabric Interconnect is an optional selection and user can select it by clicking

Step 11.

a. It is recommended that Term Duration for HW Support align with Software Subscription Duration.

b. Intersight is a required selection if you have not previously purchased Cisco Intersight Software. Please make selection by clicking "PLUS". Click on "Edit Options" to configure.

Step 12.

a. **Requested Start Date (RSD)** is now dependent on HW Ship Date and will automatically starts when the HW ships. If you change the **RSD**, the Software will start either on the **RSD** you picked or the HW Ship Date whichever is later.

b. **End Date** (duration in months) is defaulted to **36 Months**, **Auto Renewal** (on/off) is defaulted to **On** and **Billing Frequency** is defaulted to **Prepaid Term**. You can still change the setting accordingly.

Step 13.

a. The quantity of Cisco Intersight 2.0 Infrastructure Services License under Offer: DC–MGT–SAAS should be equal to the quantity of Server selected. Enter the quantity.

Step 14.

a. Users need to make selection from AI Intent Option Class.

Step 15.

a. The Cisco Intersight License comes with separate Support. Basic Embedded Support is the default selection. It is recommended that Customer should upgrade to Solution Support or CX Success Track L1 or L2 for the HW.

Step 16.

a. Configuration for MLB is completed when status of each Product is Valid and warning messages are cleared.

b. Click on the **"PLUS"** to expand and view the selections made for each Product.

c. Click on the "DONE" to complete the MLB Configuration.

Scenario 2: Customer With Enterprise Agreement for Cisco Intersight Software License

Step 1.

a. In CCW, search for UCS-M8-MLB PID and click on "Add"

b. Click on "Select Options" to enter the configurator.

Step 2.

a. Select UCSC-C220-M8S ATO from under MLB by clicking the "PLUS".

b. Notice the UCSC-C220-M8S ATO Status is now Invalid as further configuration needed.

c. Click on "Edit Options" to enter the configurator.

Step 3.

a. Users need to select Management Mode option based on how they plan to deploy the Server.

Step 4.

a. If any AI Capable PID is selected, then User need to make selection from AI Intent option class.

Step 5.

a. By making the right selection it provides information to Cisco that if Server is being intended to use AI features or not.

Step 6.

a. Configure UCSC-C220-M8S by selecting peripherals from category window on the left.

b. PIDs are listed in the window on the right. Some PIDs like Processor, Memory, PCIe Riser and Drives are grouped according to type or series; select from the grouped options located above SKU window on the right..

c. Follow warning messages to configure the minimum required option PIDs.

d. Click on "Done" when completed.

Step 7.

a. Note Status is now showing as Valid.

b. Increase the quantity for multiples of same configuration.

c. Click the "PLUS" to add and configure the same product with different option/quantities or select a different product.

Step 8.

a. Click on "Edit Services/Subscriptions" to edit Term Duration for HW Support.

Note: It is recommended that Term Duration for HW Support must align with Software Subscription Duration.

Step 9.

a. Enter the Term Duration

b. Click on "Apply" and "Done"

Step 10.

a. Fabric Interconnect is an optional selection and user can select it by clicking

Step 11.

a. CNDL-DESELECT-D is meant to select only if Customer has already purchased Cisco Intersight License via EA Contract or order is for Disti Fulfillment. Please make selection by clicking "PLUS".

a. Please note that Intersight is required selection and needed for the Server to function. Click on Select Options to configure.

Step 12.

a. Please select appropriate Reason Code.

Step 13.

a. Configuration for MLB is completed when status of each Product is Valid and warning messages are cleared.

b. Click on the **"PLUS"** to expand and view the selections made for each Product.

c. Click on the "DONE" to complete the MLB Configuration.

Buy Method Through Distributor (Eg: Direct Customer & Tier 1 Partners)

Scenario 1: Customer Without Enterprise Agreement for Cisco Intersight Software License

Step 1.

a. In CCW, search for UCS-M8-MLB PID and click on "Add"

b. Click on "Select Options" to enter the configurator.

Step 2.

a. Select UCSC-C220-M8S ATO from under MLB by clicking the "PLUS".

b. Notice the UCSC-C220-M8S ATO Status is now Invalid as further configuration needed.

c. Click on "Edit Options" to enter the configurator.

Step 3.

a. Users need to select Management Mode option based on how they plan to deploy the Server.

Step 4.

a. If any AI Capable PID is selected, then User need to make selection from AI Intent option class.

Step 5.

a. By making the right selection it provides information to Cisco that if Server is being intended to use AI features or not.

Step 6.

a. Configure UCSC-C220-M8S by selecting peripherals from category window on the left.

b. PIDs are listed in the window on the right. Some PIDs like Processor, Memory, PCIe Riser and Drives are grouped according to type or series; select from the grouped options located above SKU window on the right..

c. Follow warning messages to configure the minimum required option PIDs.

d. Click on "Done" when completed.

Step 7.

a. Note Status is now showing as Valid.

b. Increase the quantity for multiples of same configuration.

c. Click the "PLUS" to add and configure the same product with different option/quantities or select a different product.

Step 8.

a. Click on "Edit Services/Subscriptions" to edit Term Duration for HW Support.

Note: It is recommended that Term Duration for HW Support must align with Software Subscription Duration.

Step 9.

a. Enter the Term Duration

b. Click on "Apply" and "Done"

Step 10.

a. Fabric Interconnect is an optional selection and user can select it by clicking

Step 11.

a. CNDL-DESELECT-D is meant to select only if Customer has already purchased Cisco Intersight License via EA Contract or order is for Disti Fulfillment. Please make selection by clicking "PLUS".

b. Please note that Intersight is required selection and needed for the Server to function. Click on Select Options to configure.

Step 12.

a. Please select appropriate Reason Code.

Step 13.

a. Configuration for MLB is completed when status of each Product is Valid and warning messages are cleared.

b. Click on the **"PLUS"** to expand and view the selections made for each Product.

c. Click on the "DONE" to complete the MLB Configuration.

Step 14.

a. Configuration of UCS-M8-MLB is now Valid and Line No. 1.0 represents HW only Configuration.

b. Intersight is a required selection, if you have not previously purchased Cisco Intersight Software and needs to add in Line 2.0 which will represent SW only Configuration.

Step 15.

a. In CCW, search for DC-MGT-SAAS PID and click on "Add"

b. Intersight is a required selection, if you have not previously purchased Cisco Intersight Software. Click on Select Options to enter the configurator.

Step 16.

a. **Requested Start Date (RSD)** is now dependent on HW Ship Date and will automatically starts when the HW ships. If you change the RSD, the Software will start either on the RSD you picked or the HW Ship Date whichever is later.

b. **End Date** (duration in months) is defaulted to 36 Months, Auto Renewal (on/off) is defaulted to On and Billing Frequency is defaulted to Prepaid Term. You can still change the setting accordingly.

Step 17.

c. The quantity of Cisco Intersight 2.0 Infrastructure Services License under Offer: DC–MGT–SAAS should be equal to the quantity of Server selected. Enter the quantity.

Step 18.

a. User need to make selection from AI Intent Option Class.

Step 19.

a. The Cisco Intersight License comes with separate Support. Basic Embedded Support is the default selection. It is recommended that Customer should upgrade to Solution Support or CX Success Track L1 or L2 for the HW.

Step 20.

a. Configuration for UCS-M8-MLB and DC-MGT-SAAS is now completed, and status of each Product is Valid.

b. Click on the **"PLUS"** to expand and view the selections made for each Product.

Scenario 2: Customer With Enterprise Agreement for Cisco Intersight Software License

Step 1.

a. In CCW, search for UCS-M8-MLB PID and click on "Add"

b. Click on "Select Options" to enter the configurator.

Step 2.

a. Select UCSC–C220–M8S ATO from under MLB by clicking the "PLUS".

b. Notice the UCSC–C220–M8S ATO Status is now Invalid as further configuration needed.

c. Click on "Edit Options" to enter the configurator.

Step 3.

a. Users need to select Management Mode option based on how they plan to deploy the Server.

Step 4.

a. If any AI Capable PID is selected, then User need to make selection from AI Intent option class.

Step 5.

a. By making the right selection it provides information to Cisco that if Server is being intended to use AI features or not.

Step 6.

a. Configure UCSC-C220-M8S by selecting peripherals from category window on the left.

b. PIDs are listed in the window on the right. Some PIDs like Processor, Memory, PCIe Riser and Drives are grouped according to type or series; select from the grouped options located above SKU window on the right..

c. Follow warning messages to configure the minimum required option PIDs.

d. Click on "Done" when completed.

Step 7.

a. Note Status is now showing as Valid.

b. Increase the quantity for multiples of same configuration.

c. Click the "PLUS" to add and configure the same product with different option/quantities or select a different product.

Step 8.

a. Click on "Edit Services/Subscriptions" to edit Term Duration for HW Support.

Note: It is recommended that Term Duration for HW Support must align with Software Subscription Duration.

Step 9.

a. Enter the Term Duration

b. Click on "Apply" and "Done"

Step 10.

a. Fabric Interconnect is an optional selection and user can select it by clicking

Step 11.

a. CNDL-DESELECT-D is meant to select only if Customer has already purchased Cisco Intersight License via EA Contract or order is for Disti Fulfillment. Please make selection by clicking "PLUS".

b. Please note that Intersight is required selection and needed for the Server to function. Click on Select Options to configure.

Step 12.

a. Please select appropriate Reason Code.

Step 13.

a. Configuration for MLB is completed when status of each Product is Valid and warning messages are cleared.

b. Click on the **"PLUS"** to expand and view the selections made for each Product.

c. Click on the "DONE" to complete the MLB Configuration.