



Appendix B: Bill of Material

Large Server Bill of Material

Note: The Bill of Material (BOM) only shows the server configuration and excludes the Cisco Vision Dynamic Signage Director, DMPs, and other system licenses.

In this BOM, RAID 5 setting instead of RAID 10 is shown, but this is due to limited selection options in the ordering tool. During deployment, use RAID 10, which can be enabled via the MegaRAID BIOS directly (not through CIMC).

Table 1 Bill of Material for Large Server

Part Number	Description	Qty
UCSC-C240-M5SX	UCS C240 M5 24 SFF + 2 rear drives w/o CPU, mem, HD,PCIe, PS	1
CON-SNT-C240M5SX	SNTC 8X5XNBD UCS C240 M5 24 SFF + 2 rear drives w/o CPU,mem	1
UCS-MR-X16G1RT-H	16GB DDR4-2933-MHz RDIMM/1Rx4/1.2v	4
UCSC-PCI-1-C240M5	Riser 1 incl 3 PCIe slots (x8, x16, x8); slot 3 req CPU2	1
UCSC-PCIE-C25Q-04	Cisco UCS VIC 1455 Quad Port 10/25G SFP28 CNA PCIE	1
UCS-SD-32G-S	32GB SD Card for UCS servers	2
UCSC-PSU1-1050W	Cisco UCS 1050W AC Power Supply for Rack Serve	2
CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	2
UCSC-RAILB-M4	Ball Bearing Rail Kit for C220 & C240 M4 & M5 rack servers	1
CIMC-LATEST	IMC SW (Recommended) latest release for C-Series Servers	1
UCS-SID-INFR-UNK	Unknown	1
UCS-SID-WKL-UNK	Unknown	1
UCS-MSTOR-SD	Mini Storage Carrier for SD (holds up to 2)	1
UCSC-HS-C240M5	Heat sink for UCS C240 M5 rack servers 150W CPUs & below	2
CBL-SC-MR12GM5P	Super Cap cable for UCSC-RAID-M5HD	1
UCSC-PCIF-240M5	C240 M5 PCIe Riser Blanking Panel	1
UCSC-BBLKD-S2	UCS C-Series M5 SFF drive blanking panel	18
UCSC-SCAP-M5	Super Cap for UCSC-RAID-M5, UCSC-MRAID1GB-KIT	1
UCS-CPU-I6244	Intel 6244 3.6GHz/150W 8C/24.75MB DCP DDR4 2933 MHz	2
UCSC-RAID-M5HD	Cisco 12G Modular RAID controller with 4GB cache	1
R2XX-RAID10	Enable RAID 10 Setting	1
UCS-SD400G123X-EP	400GB 2.5in Enterprise Performance 12G SAS SSD(3X endurance)	8

Standard Server Bill of Material

Note: The Bill of Material (BOM) only shows the server configuration and excludes the Cisco Vision Dynamic Signage Director, DMPs, and other system licenses.

In this BOM, RAID 5 setting instead of RAID 10 is shown, but this is due to limited selection options in the ordering tool. During deployment, use RAID 10, which can be enabled via the MegaRAID BIOS directly (not through CIMC).

Table 2 Bill of Material for Standard Server

Part Number	Description	Qty
UCSC-C220-M5SX	UCS C220 M5 SFF 10 HD w/o CPU, mem, HD, PCIe, PSU	1
CON-SNT-C220M5SX	SNTC 8X5XNBD UCS C220 M5 SFF 10 HD w/o CPU, mem, HD, PCIe, P	1
UCS-MR-X16G1RS-H	16GB DDR4-2666-MHz RDIMM/PC4-21300/single rank/x4/1.2v	4
UCS-SD400G123X-EP	400GB 2.5in Enterprise Performance 12G SAS SSD(3X endurance)	6
UCS-SD-32G-S	32GB SD Card for UCS servers	2
CIMC-LATEST	IMC SW (Recommended) latest release for C-Series Servers	1
UCSC-PSU1-1050W	Cisco UCS 1050W AC Power Supply for Rack Server	2
CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	2
UCSC-RAILB-M4	Ball Bearing Rail Kit for C220 & C240 M4 & M5 rack servers	1
UCS-MSTOR-SD	Mini Storage Carrier for SD (holds up to 2)	1
UCSC-BBLKD-S2	UCS C-Series M5 SFF drive blanking panel	4
UCSC-HS-C220M5	Heat sink for UCS C220 M5 rack servers 150W CPUs & below	1
CBL-SC-MR12GM52	Super Cap cable for UCSC-RAID-M5 on C240 M5 Servers	2
UCSC-SCAP-M5	Super Cap for UCSC-RAID-M5, UCSC-MRAID1GB-KIT	1
UCS-CPU-6128	3.4 GHz 6128/115W 6C/19.25MB Cache/DDR4 2666MHz	2
UCSC-RAID-M5	Cisco 12G Modular RAID controller with 2GB cache	1
UCS-SID-INFR-UNK	Unknown	1
UCS-SID-WKL-UNK	Unknown	1
R2XX-RAID5	Enable RAID 5 Setting	1
UCSC-SW-C220M5-P01	Performance Optimized setting for C220 M5 servers	1
VMW-VCS-STD-1A=	VMware vCenter 6 Server Standard, 1 yr support required	2
CON-ISV1-VCXSTD1A	VCenter Server STD for vSphere 1-Inst; ANNUAL List 1-YR Req'd	2
UCS-VMW-TERMS	Acceptance of Terms, Standalone VMW License for UCS Servers	2

Small Server Bill of Material

Note: The BOM only shows the server configuration and excludes the Cisco Vision Dynamic Signage Director, DMPs, and other system licenses.

Mini Server Bill of Material

Table 3 Bill of Material for Small Server

Part Number	Description	Qty
UCSC-C220-M5SX	UCS C220 M5 SFF 10 HD w/o CPU, mem, HD, PCIe, PSU	1
CON-SNT-C220M5SX	SNTC 8X5XNBD UCS C220 M5 SFF 10 HD w/o CPU, mem, HD, PCIe, P	1
UCS-MR-X16G1RS-H	16GB DDR4-2666-MHz RDIMM/PC4-21300/single rank/x4/1.2v	4
UCS-SD240GM1X-EV	240GB 2.5 inch Enterprise Value 6G SATA SSD	6
UCS-SD-32G-S	32GB SD Card for UCS servers	2
CIMC-LATEST	IMC SW (Recommended) latest release for C-Series Servers	1
UCSC-PSU1-1050W	Cisco UCS 1050W AC Power Supply for Rack Server	2
CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	2
UCSC-RAILB-M4	Ball Bearing Rail Kit for C220 & C240 M4 & M5 rack servers	1
UCSC-SW-C220M5-P01	Performance Optimized setting for C220 M5 servers	1
UCS-SID-INFR-UNK	Unknown	4
UCS-SID-WKL-UNK	Unknown	1
UCS-MSTOR-SD	Mini Storage Carrier for SD (holds up to 2)	2
UCSC-BBLKD-S2	UCS C-Series M5 SFF drive blanking panel	1
UCSC-HS-C220M5	Heat sink for UCS C220 M5 rack servers 150W CPUs & below	2
CBL-SC-MR12GM52	Super Cap cable for UCSC-RAID-M5 on C240 M5 Servers	1
UCSC-SCAP-M5	Super Cap for UCSC-RAID-M5, UCSC-MRAID1GB-KIT	1
UCS-CPU-6128	3.4 GHz 6128/115W 6C/19.25MB Cache/DDR4 2666MHz	1
UCSC-RAID-M5	Cisco 12G Modular RAID controller with 2GB cache	1
R2XX-RAID10	Enable RAID 10 Setting	1
VMW-VCS-STD-1A=	VMware vCenter 6 Server Standard, 1 yr support required	2
CON-ISV1-VCXSTD1A	VCenter Server STD for vSphere 1-Inst; ANNUAL List 1-YR Req'd	2
UCS-VMW-TERMS	Acceptance of Terms, Standalone VMW License for UCS Servers	2

Mini Server Bill of Material

Note: The BOM only shows the server configuration and excludes the Cisco Vision Dynamic Signage Director, DMPs, and other system licenses.

Table 4 Bill of Material for Mini Server

Part Number	Description	Qty
ISR4331/K9	Cisco ISR 4331 (3GE,2NIM,1SM,4G FLASH,4G DRAM,IPB)	1
CON-SSSNT-ISR4331K	SOLN SUPP 8X5XNBD Cisco ISR 4331 (3GE2NIM1SM4G FLASH4G D	1
SL-4330-IPB-K9	IP Base License for Cisco ISR 4330 Series	1
PWR-4330-AC	AC Power Supply for Cisco ISR 4330	1

Table 4 Bill of Material for Mini Server

Part Number	Description	Qty
MEM-FLSH-4G	4G Flash Memory for Cisco ISR 4300 (Soldered on motherboard)	1
NIM-BLANK	Blank faceplate for NIM slot on Cisco ISR 4400	2
MEM-43-4G	4G DRAM (1 x 4G) for Cisco ISR 4300	1
SISR4300UK9-166	Cisco ISR 4300 Series IOS XE Universal	1
UCS-E160S-M3/K9	UCS-E, SingleWide, 6 Core CPU, 8 GB Flash, 1-2 HDD	1
EM3-MEM-16G	16 GB 1200MHz VLP RDIMM/PC4-2400 2R for UCS-E M3	1
E100S-SSD-480G	480 GB, SAS eMLC SSD hard disk drive for SingleWide UCS-E	2
DISK-MODE-RAID-1	Configure hard drives as RAID 1 (Mirror)	1
CAB-AC	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	1