

## Cisco UCS C260 M2 Rackmount Servers ►

Cisco® UCS C-Series Rack-Mount Servers extend unified computing and standalone innovations to an industry standard form factor to help reduce total cost of ownership (TCO) and increase business agility. Designed to operate both in standalone environments and as part of the Cisco Unified Computing System™, the Cisco UCS C-Series employs Cisco technology to help customers handle the most challenging workloads. The Cisco UCS C-Series incorporates many Cisco innovations such as standards-based unified network fabric; Cisco VN-Link virtualization support; Cisco Extended Memory Technology; and the capability to scale computing, I/O, disk, and memory resources independently. In addition, the Cisco UCS C-Series servers support an incremental deployment model and protect customer investments with a future migration path to unified computing. The Cisco UCS C260 M2 Rack-Mount Server is one of the industry's highest-density two-socket rack-server platforms and is a critical new building block in the Cisco Unified Computing System portfolio, offering compact performance for enterprise-critical applications within the Cisco UCS architecture and patented Cisco Extended Memory Technology. It is well suited for IT departments that are looking for ways to increase computing performance, memory capacity, and disk drive I/O operations per second (IOPS) while deriving optimal value from the available space in their data centers, and it allows customers to avoid or reduce the need for costly per-socket or per-core licensing fees. With the Cisco UCS C260 M2 rack-mount server, Cisco continues to extend data center technology in every dimension, including CPU enhancements for better performance; expandability; security; and reliability, availability, and serviceability (RAS) features. The server also offers increased I/O performance, onboard storage capacity, and an exceptional memory footprint of up to 64 dual inline memory module (DIMM) slots in a two-rack-unit (2RU) form factor. In addition, the Cisco UCS C260 M2 is designed to increase performance and capacity for demanding virtualization and large-data-set workloads, service provider environments, enterprise data centers, and virtual desktop hosting. The system also helps improve throughput for large-data-set workloads, including database management systems and modeling and simulation applications.

You can learn more about the Cisco UCS C260 M2 Rackmount Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-C260-M2>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>            | <u>Description</u>  | <u>USD List Price</u> | <u>EPL Price</u> |
|-------------------------------------|---|-----------------------|------------------|
| <b>UCS C260 M2 Base Rack Server</b> |   |                       |                  |
| C260-BASE-2646                      | UCS C260 M2 Rack Server (w/o CPU, MRB, PSU)               | 6,496.00              | 4,547.20         |
| C260-BASE-2646=                     | UCS C260 M2 Rack Server (w/o CPU, MRB, PSU)               | 6,496.00              | 4,547.20         |
| UCS-C260M2-VCD2                     | UCS C260 M2 Rack Server w/ 2-E72870, 16x 2x4GB DDR        | 50,953.00             | 35,667.10        |
| <b>UCS C260 M2 Hard Disc Drive</b>  |   |                       |                  |
| UCS-HDD900GI2F106                   | 900GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 1,869.00              | 1,308.30         |
| UCS-HDD300GI2F105                   | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted | 1,279.00              | 895.30           |
| UCS-HDD300GI2F105=                  | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted | 1,279.00              | 895.30           |
| UCS-HDD900GI2F106=                  | 900GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 1,869.00              | 1,308.30         |
| <b>UCS C260 M2 Memory</b>           |   |                       |                  |
| UCS-MR-2X041RX-C                    | 2X4GB DDR3-1333-MHz RDIMM/PC3-10600/single rank/x8/1.35v  | 450.00                | 315.00           |
| UCS-MR-2X082RX-C                    | 2X8GB DDR3-1333-MHz RDIMM/PC3-10600/dual rank/x2/1.35v    | 708.00                | 495.60           |
| UCS-MR-2X164RX-C                    | 2X16GB DDR3-1333-MHz RDIMM/PC3-10600/quad rank/x4/1.35v   | 1,798.00              | 1,258.60         |
| UCS-MR-2X041RX-C=                   | 2X4GB DDR3-1333-MHz RDIMM/PC3-10600/single rank/x8/1.35v  | 450.00                | 315.00           |
| UCS-MR-2X082RX-C=                   | 2X8GB DDR3-1333-MHz RDIMM/PC3-10600/dual rank/x2/1.35v    | 708.00                | 495.60           |
| UCS-MR-2X164RX-C=                   | 2X16GB DDR3-1333-MHz RDIMM/PC3-10600/quad rank/x4/1.35v   | 1,798.00              | 1,258.60         |

### UCS C260 M2 Westmere - EX Processor

|                  |   |           |          |
|------------------|---|-----------|----------|
| UCS-CPU-E72870=  | 2.4 GHz E7-2870 130W 10C / 30M Cache /NoHeatSink                    | 10,080.00 | 7,056.00 |
| UCS-CPU-E72860=  | 2.26 GHz E7-2860 130W 10C / 24M Cache/NoHeatSink                    | 8,419.00  | 5,893.30 |
| UCS-CPU-E72850=  | 2 GHz E7-2850 130W 10C /24M Cache/NoHeatSink                        | 6,186.00  | 4,330.20 |
| UCS-CPU-E72830=  | 2.13 GHz E7-2830 105W 8C / 24M Cache/NoHeatSink                     | 4,858.00  | 3,400.60 |
| UCS-CPU-E78867L  | 2.13 GHz E7-8867L 105W 10C / 30M Cache                              | 9,375.00  | 6,562.50 |
| UCS-CPU-E72803   | 1.73 GHz E7-2803 105W 6C / 18M Cache                                | 2,156.00  | 1,509.20 |
| UCS-CPU-E72830   | 2.13 GHz E7-2830 105W 8C / 24M Cache                                | 4,858.00  | 3,400.60 |
| UCS-CPU-E72850   | 2 GHz E7-2850 130W 10C /24M Cache                                   | 6,186.00  | 4,330.20 |
| UCS-CPU-E72860   | 2.26 GHz E7-2860 130W 10C / 24M Cache                               | 8,419.00  | 5,893.30 |
| UCS-CPU-E72870   | 2.4 GHz E7-2870 130W 10C / 30M Cache                                | 10,080.00 | 7,056.00 |
| UCS-CPU-E78837   | 2.67 GHz E7-8837 130W 8C CPU / 24M Cache                            | 5,719.00  | 4,003.30 |
| UCS-CPU-GREASE=  | CPU thermal grease syringe - needed for heatsink seal               | 40.00     | 28.00    |
| UCS-CPU-GREASE2= | C220 and C240 CPU thermal grease syringe - needed for heatsink seal | 40.00     | 28.00    |

### UCS C260 M2 Adapters

|                   |  |          |          |
|-------------------|--|----------|----------|
| R2XX-PL003        | LSI 6G MegaRAID 9261-8i card (RAID 0,1,5,6,10,60) - 512WC  | 1,591.00 | 1,113.70 |
| R2XX-PL003=       | LSI MegaRAID 9261-8i PCIe Card (For Service Stocking ONLY) | 1,592.00 | 1,114.40 |
| UCSC-BBU-11-C260  | RAID battery backup for LSI Electr controller for C260     | 281.00   | 196.70   |
| UCSC-BBU-11-C260= | RAID battery backup for LSI Electr controller for C260     | 281.00   | 196.70   |
| UCSC-PCIE-BSFP    | Broadcom 57712 Dual Port 10Gb SFP+ w/TOE iSCSI             | 1,498.00 | 1,048.60 |
| UCSC-PCIE-BSFP=   | BROADCOM 57712 10Gb SFP+                                   | 1,498.00 | 1,048.60 |
| N2XX-AEPCI05      | Emulex LPe 12002 Dual Port 8Gb Fibre Channel HBA           | 3,467.00 | 2,426.90 |
| N2XX-AEPCI05=     | Emulex LPe 12002, 8Gb dual port Fibre Channel HBA          | 3,467.00 | 2,426.90 |
| UCSC-PCIE-BTG     | Broadcom 57712 Dual Port 10GBASE-T w/TOE iSCSI             | 1,779.00 | 1,245.30 |
| UCSC-PCIE-BTG=    | BROADCOM 57712 10GBASE-T                                   | 1,779.00 | 1,245.30 |
| UCSC-PCIE-ITG     | Intel X520 Dual Port 10GBase-T Adapter                     | 1,873.00 | 1,311.10 |
| UCSC-PCIE-ESFP    | Emulex OCe11102-FX Dual Port 10Gb SFP+ CNA                 | 2,436.00 | 1,705.20 |
| UCSC-PCIE-ESFP=   | Emulex OCe11102-FX dual-port 10 GbE FCoE CNA               | 2,436.00 | 1,705.20 |
| UCSC-PCIE-QSFP    | Qlogic QLE8242-CU Dual Port 10 GbE FCoE CNA                | 2,436.00 | 1,705.20 |
| UCSC-PCIE-QSFP=   | Qlogic QLE8242-CU dual-port 10 GbE FCoE CNA                | 2,436.00 | 1,705.20 |
| UCSC-PCIE-CSC-02= | Cisco VIC 1225 Dual Port 10Gb SFP+ CNA                     | 1,594.00 | 1,115.80 |
| UCSC-PCIE-CSC-02  | Cisco VIC 1225 Dual Port 10Gb SFP+ CNA                     | 1,594.00 | 1,115.80 |

### UCS C260 M2 Power Supply

|                 |                               |        |        |
|-----------------|-------------------------------|--------|--------|
| UCSC-PSU2-1200  | 1200W 2u Power Supply For UCS | 652.00 | 456.40 |
| UCSC-PSU2-1200= | 1200W 2u Power Supply For UCS | 652.00 | 456.40 |

### UCS C260 M2 Other

|                 |  |        |        |
|-----------------|--|--------|--------|
| UCSC-CMA-0002   | Cable Management Arm - 2u For C-Series     | 61.00  | 42.70  |
| UCSC-CMA-0002=  | Cable Management Arm - 2u For C-Series     | 61.00  | 42.70  |
| C260-PCIE-RSR=  | PCIe Riser Board For C260                  | 116.00 | 81.20  |
| UCSX-MLOM-001   | Modular LOM For UCS                        | 440.00 | 308.00 |
| UCSX-MLOM-001=  | Modular LOM For UCS                        | 440.00 | 308.00 |
| UCSX-TPM1-001   | TPM Module For UCS                         | 75.00  | 52.50  |
| UCSX-TPM1-001=  | TPM Module For UCS                         | 75.00  | 52.50  |
| UCSC-DBKP-08E   | 8 Drive Backplane W/ Expander For C-Series | 528.00 | 369.60 |
| UCSC-DBKP-08E=  | 8 Drive Backplane W/ Expander For C-Series | 528.00 | 369.60 |
| UCSC-DBKP-08D   | 8 Drive Backplane For C-Series             | 313.00 | 219.10 |
| UCSC-DBKP-08D=  | 8 Drive Backplane For C-Series             | 313.00 | 219.10 |
| C260-MRBD-002   | 2 DIMM Memory Riser Board For C260         | 111.00 | 77.70  |
| C260-MRBD-002=  | 2 DIMM Memory Riser Board For C260         | 111.00 | 77.70  |
| C260-MRBD-004   | 4 DIMM Memory Riser Board For C260         | 340.00 | 238.00 |
| C260-MRBD-004=  | 4 DIMM Memory Riser Board For C260         | 340.00 | 238.00 |
| C260-FAN-001=   | Fan Module for C260                        | 199.00 | 139.30 |
| UCS-USBFLSH-4GB | 4GB Flash USB Drive for C260 only          | 100.00 | 70.00  |
| UCSC-PCIF-01H=  | Half height PCIe filler for C-Series       | 58.00  | 40.60  |
| UCSC-PCIF-01F=  | Full height PCIe filler for C-Series       | 58.00  | 40.60  |

|                   |                                       |        |        |
|-------------------|---------------------------------------|--------|--------|
| UCS-USBFLSH-4GB=  | 4GB Flash USB Drive for C260 only     | 100.00 | 70.00  |
| UCSC-RC-1M-C260=  | 1.04m SAS RAID Cable for C260         | 103.00 | 72.10  |
| UCSC-RC-P8M-C260= | .79m SAS RAID Cable for C260          | 103.00 | 72.10  |
| N20-BBLKD2=       | UCS C250 M2 and M1 HDD blanking panel | 38.00  | 26.60  |
| UCSC-RAIL-2U      | 2U Rail Kit for UCS C-Series servers  | 199.00 | 139.30 |
| UCS-SD-16G=       | 16GB SD Card module for UCS Servers   | 300.00 | 210.00 |
| UCSC-RAIL-2U-I=   | Inner rail spare for C240 and C260    | 145.00 | 101.50 |

#### UCS C260 M2 SMARTnet Maintenance

|                  |  |        |        |
|------------------|--|--------|--------|
| CON-SNT-C260-M2  | SMARTNET 8X5XNBD UCS C260 M2 Rack Server | 433.00 | 433.00 |
| CON-SNTP-C260-M2 | SMARTNET 24X7X4 UCS C260 M2 Rack Server  | 656.00 | 656.00 |

## Cisco UCS C460 M2 Rackmount Servers

Cisco® UCS C-Series Rack Servers extend unified computing innovations to an industry-standard form factor to help reduce total cost of ownership (TCO) and increase business agility. Designed to operate both in standalone environments and an entry point to the Cisco Unified Computing System™, the series employs Cisco technology to help customers handle the most challenging workloads. The series incorporates a standards-based unified network fabric, Cisco VN-Link virtualization support, and Cisco Extended Memory Technology. It supports an incremental deployment model and protects customer investments with a future migration path to unified computing. The Cisco UCS C460 M2 High-Performance Rack Server is designed with the performance and reliability to power computation-intensive, enterprise-critical standalone applications and virtualized workloads. The system is a four-rack-unit (4RU) rack server supporting the Intel® Xeon® processor E7-4800 and E7-8800 product family, up to 2 terabyte (TB) of double-data-rate 3 (DDR3) memory in 64 slots, and 12 Small Form Factor (SFF) hot-pluggable SAS, SATA or SSD drives. Abundant I/O capability is provided by 10 PCI Express (PCIe) slots supporting the Cisco UCS C-Series network adapters, with an eleventh PCIe slot reserved for a hard disk drive array controller card. Additional I/O is provided by two Gigabit Ethernet LAN-on-motherboard (LOM) ports, two 10 Gigabit Ethernet ports, and two dedicated out-of-band (OOB) management ports. The following list summarizes the specifications: Two or four multicore Intel® Xeon® processor E7-4800s and E7-8800s, for up to 40 processing cores; 64 dual inline memory module (DIMM) slots for industry-standard DDR3 memory; Up to 12 front-accessible, hot-swappable, 2.5-inch SAS, SATA drives or SSDs; Ten PCIe slots: eight Generation 2 and two Generation 1, and four half-length and six three-quarter-length; Remote management through an integrated service processor that also implements policy established in Cisco UCS Manager; Local keyboard, video, and mouse (KVM) access through front console ports on each server; OOB access by remote KVM, Secure Shell (SSH) Protocol, and virtual media (vMedia) as well as Intelligent Platform Management Interface (IPMI)

You can learn more about the Cisco UCS C460 M2 Rackmount Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-C460-M2>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>            | <u>Description</u>                                | <u>USD List Price</u> | <u>EPL Price</u> |
|-------------------------------------|---|-----------------------|------------------|
| <b>UCS C460 M2 Base Rack Server</b> |   |                       |                  |
| UCSC-BASE-M2-C460                   | UCSC460M2RackSVRw/oCPU,MemHDD,PCIe                | 10,119.00             | 7,083.30         |
| UCS-SSD100GI1F104                   | 100GBSATASSDhotplug/drivesledmounted              | 3,936.00              | 2,755.20         |
| UCSC-BASE-M2-C460=                  | UCSC460M2RackSVRw/oCPU,MemHDD,PCIe                | 10,119.00             | 7,083.30         |
| <b>UCS C460 M2 Hard Disk Drive</b>  |   |                       |                  |
| A03-D146GC2                         | 146GB6GbSAS15KRPMSSFFHDD/hotplug/drivesledmounted | 749.00                | 524.30           |
| A03-D146GC2=                        | 146GB6GbSAS15KRPMSSFFHDD/hotplug/drivesledmounted | 749.00                | 524.30           |
| A03-D073GC2                         | 73GB6GbSAS15KRPMSSFFHDD/hotplug/drivesledmounted  | 769.00                | 538.30           |
| A03-D600GA2                         | 600GB6GbSAS10KRPMSSFFHDD/hotplug/drivesledmounted | 1,189.00              | 832.30           |
| A03-D600GA2=                        | 600GB6GbSAS10KRPMSSFFHDD/hotplug/drivesledmounted | 1,189.00              | 832.30           |
| A03-D1TBSATA                        | 1TB6GbSATA7.2KRPMSSFFHDD/hotplug/drivesledmounted | 989.00                | 692.30           |
| A03-D1TBSATA=                       | 1TB6GbSATA7.2KRPMSSFFHDD/hotplug/drivesledmounted | 989.00                | 692.30           |
| A03-D300GA2                         | 300GB6GbSAS10KRPMSSFFHDD/hotplug/drivesledmounted | 589.00                | 412.30           |
| A03-D300GA2=                        | 300GB6GbSAS10KRPMSSFFHDD/hotplug/drivesledmounted | 589.00                | 412.30           |
| UCS-SSD100GI1F104                   | 100GBSATASSDhotplug/drivesledmounted              | 3,936.00              | 2,755.20         |
| UCS-HDD900GI2F106                   | 900GB6GbSAS10KRPMSSFFHDD/hotplug/drivesledmounted | 1,869.00              | 1,308.30         |
| UCS-HDD300GI2F105                   | 300GB6GbSAS15KRPMSSFFHDD/hotplug/drivesledmounted | 1,279.00              | 895.30           |
| UCS-HDD900GI2F106=                  | 900GB6GbSAS10KRPMSSFFHDD/hotplug/drivesledmounted | 1,869.00              | 1,308.30         |

### UCS C460 M2 SFF Hard Disk Drives

|                  |  |          |          |
|------------------|--|----------|----------|
| A03-D600GA2      | 600GB6GbSAS10KRPMSFFHDD/hotplug/drivesledmounted | 1,189.00 | 832.30   |
| UCS-SSD100G1F104 | 100GBSATASSDhotplug/drivesledmounted             | 3,936.00 | 2,755.20 |

### UCS C460 M2 Memory

|                   |   |          |          |
|-------------------|---|----------|----------|
| A02-M308GB3-2     | 8GBDDR3-1333MHzRDIMM/PC3-10600/2x4GB2RKit/LowVolt     | 571.00   | 399.70   |
| A02-M316GB3-2     | 16GBDDR3-1333MHzRDIMM/PC3-10600/2x8GB2RKit/LowVolt    | 708.00   | 495.60   |
| A02-M332GB3-2-L   | 32GBDDR3-1066MHzRDIMM/PC3-8500/2x16GB4RKit/LowVolt    | 1,988.00 | 1,391.60 |
| A02-M308GD5-2     | 8GBDDR3-1333MHzRDIMM/PC3-10600/2x4GB2RKit             | 721.00   | 504.70   |
| A02-M316GD5-2     | 16GBDDR3-1333MHzRDIMM/PC3-10600/2x8GB2RKit            | 1,220.00 | 854.00   |
| UCS-MR-2X041RX-C  | 2X4GBDDR3-1333-MHzRDIMM/PC3-10600/singlerank/x8/1.35v | 450.00   | 315.00   |
| UCS-MR-2X082RX-C  | 2X8GBDDR3-1333-MHzRDIMM/PC3-10600/dualrank/x2/1.35v   | 708.00   | 495.60   |
| UCS-MR-2X164RX-C  | 2X16GBDDR3-1333-MHzRDIMM/PC3-10600/quadrank/x4/1.35v  | 1,798.00 | 1,258.60 |
| UCS-MR-2X041RX-C= | 2X4GBDDR3-1333-MHzRDIMM/PC3-10600/singlerank/x8/1.35v | 450.00   | 315.00   |
| UCS-MR-2X082RX-C= | 2X8GBDDR3-1333-MHzRDIMM/PC3-10600/dualrank/x2/1.35v   | 708.00   | 495.60   |
| UCS-MR-2X164RX-C= | 2X16GBDDR3-1333-MHzRDIMM/PC3-10600/quadrank/x4/1.35v  | 1,798.00 | 1,258.60 |

### UCS C460 M2 Westmere -EX Processor

|                  |  |           |          |
|------------------|--|-----------|----------|
| UCS-CPU-E74870   | 2.4GHzE7-4870130W10CCPU/30MCache                   | 10,500.00 | 7,350.00 |
| UCS-CPU-E74870=  | 2.4GHzE7-4870130W10CCPU/30MCache/NoHeatSink        | 10,500.00 | 7,350.00 |
| UCS-CPU-E74860   | 2.26GHZE7-4860130W10CCPU/24MCache                  | 8,719.00  | 6,103.30 |
| UCS-CPU-E74860=  | 2.26GHZE7-4860130W10CCPU/24MCache/NoHeatSink       | 8,719.00  | 6,103.30 |
| UCS-CPU-E74850   | 2GHzE7-4850130W10CCPU/24MCache                     | 6,506.00  | 4,554.20 |
| UCS-CPU-E74850=  | 2GHzE7-4850130W10CCPU/24MCache/NoHeatSink          | 6,506.00  | 4,554.20 |
| UCS-CPU-E74830   | 2.13GHzE7-4830105W8CCPU/24MCache                   | 5,344.00  | 3,740.80 |
| UCS-CPU-E74830=  | 2.13GHzE7-4830105W8CCPU/24MCache/NoHeatSink        | 5,344.00  | 3,740.80 |
| UCS-CPU-E74807   | 1.86GHzE7-480795W6cCPU/18mCache                    | 2,529.00  | 1,770.30 |
| UCS-CPU-E74807=  | 1.86GHzE7-480795W6cCPU/18mCache/NoHeatSink         | 2,529.00  | 1,770.30 |
| UCS-CPU-E78867L  | 2.13GHzE7-8867L105W10C/30MCache                    | 9,375.00  | 6,562.50 |
| UCS-CPU-E78837   | 2.67GHzE7-8837130W8CCPU/24MCache                   | 5,719.00  | 4,003.30 |
| UCS-CPU-E78837=  | 2.66GHzE7-8837130W8CCPU/24MCache                   | 5,719.00  | 4,003.30 |
| UCS-CPU-GREASE=  | CPUthermalgreasesyringe-neededforheatsinkseal      | 40.00     | 28.00    |
| UCS-CPU-GREASE2= | C220andC240CPUthermalgreasesyringe-neededforheatsi | 40.00     | 28.00    |

### UCS C460 M2 Adapter

|               |  |          |          |
|---------------|--|----------|----------|
| RC460-PL001   | LSICONTROLLER9260-8i                                   | 1,113.00 | 779.10   |
| RC460-PL001=  | LSICONTROLLER9260-8i(SPARE)                            | 1,113.00 | 779.10   |
| RC460-PL002   | LSICONTROLLER9240-8i(NO BATTERYBACKUP)                 | 630.00   | 441.00   |
| RC460-PL002=  | LSICONTROLLER9240-8i(NO BATTERYBACKUP)                 | 630.00   | 441.00   |
| N2XX-AQPCI01  | QlogicQLE8152-CNA2port10GbSFP+Copper                   | 2,435.00 | 1,704.50 |
| N2XX-AQPCI01= | QlogicQLE8152-ConvergedNetworkAdapter/2port10Gb-Copper | 2,435.00 | 1,704.50 |
| N2XX-AQPCI03  | QlogicQLE2462DualPort4GbFibreChannelHBA                | 3,045.00 | 2,131.50 |
| N2XX-AQPCI03= | QlogicQLE2462,4GbdualportFibreChannelHostBusAdapter    | 3,045.00 | 2,131.50 |
| N2XX-AEPCI03  | EmulexLPe11002DualPort4GbFibreChannelHBA               | 3,045.00 | 2,131.50 |
| N2XX-AEPCI03= | EmulexLPe11002,4GbFibreChannelPCleDualChannelHBA       | 3,045.00 | 2,131.50 |
| N2XX-ABPCI02  | Broadcom57711DualPort10GbENICw/TOEiSCSI                | 1,869.00 | 1,308.30 |
| N2XX-ABPCI02= | Broadcom57711DualPort10GbENICw/TOEiSCSI                | 1,869.00 | 1,308.30 |
| N2XX-ABPCI03  | Broadcom5709QuadPort10/100/1GbNICw/TOEiSCSI            | 1,001.00 | 700.70   |
| N2XX-ABPCI03= | Broadcom5709QuadPort10/100/1GbNICw/TOEiSCSI            | 1,001.00 | 700.70   |
| N2XX-AIPCI02  | IntelQuadportGbEController(E1G44ETG1P20)               | 999.00   | 699.30   |
| N2XX-AIPCI02= | IntelQuadportGbEController(E1G44ETG1P20)               | 999.00   | 699.30   |
| N2XX-AIPCI01  | IntelX520DualPort10GbSFP+Adapter                       | 1,873.00 | 1,311.10 |
| N2XX-AIPCI01= | IntelDualPort10GbEEthernetX520ServerAdapter            | 1,873.00 | 1,311.10 |
| N2XX-ACPCI01  | CiscoUCSP81EVirtualInterfaceCard/2-port10Gbps          | 1,594.00 | 1,115.80 |
| N2XX-ACPCI01= | CiscoUCSP81EVirtualInterfaceCard/2-port10Gbps          | 1,594.00 | 1,115.80 |
| N2XX-AEPCI01  | EmulexOneConnectOCe10102-FCNA2port10Gb                 | 2,435.00 | 1,704.50 |
| N2XX-AEPCI01= | EmulexOneConnectOCe10102-FCNA2port10Gb                 | 2,435.00 | 1,704.50 |
| N2XX-AEPCI05  | EmulexLPe12002DualPort8GbFibreChannelHBA               | 3,467.00 | 2,426.90 |
| N2XX-AEPCI05= | EmulexLPe12002,8GbdualportFibreChannelHBA              | 3,467.00 | 2,426.90 |
| N2XX-AQPCI05  | QlogicQLE2562DualPort8GbFibreChannelHBA                | 3,467.00 | 2,426.90 |
| N2XX-AQPCI05= | QlogicQLE2562,8GbdualportFibreChannelHBA               | 3,467.00 | 2,426.90 |

|                   |  |          |          |
|-------------------|--|----------|----------|
| R2XX-LBBU2        | BatteryBack-up                           | 281.00   | 196.70   |
| R2XX-LBBU2=       | BatteryBack-up                           | 281.00   | 196.70   |
| UCSC-PCIE-BSFP=   | BROADCOM5771210GbSFP+                    | 1,498.00 | 1,048.60 |
| UCSC-PCIE-BTG     | Broadcom57712DualPort10GBASE-Tw/TOEiSCSI | 1,779.00 | 1,245.30 |
| UCSC-PCIE-BTG=    | BROADCOM5771210GBASE-T                   | 1,779.00 | 1,245.30 |
| UCSC-PCIE-ITG     | IntelX520DualPort10GBase-TAdapter        | 1,873.00 | 1,311.10 |
| UCSC-PCIE-ESFP    | EmulexOCe11102-FXDualPort10GbSFP+CNA     | 2,436.00 | 1,705.20 |
| UCSC-PCIE-ESFP=   | EmulexOCe11102-FXdual-port10GbEFCoECNA   | 2,436.00 | 1,705.20 |
| UCSC-PCIE-QSFP    | QlogicQLE8242-CUDualPort10GbEFCoECNA     | 2,436.00 | 1,705.20 |
| UCSC-PCIE-QSFP=   | QlogicQLE8242-CUdual-port10GbEFCoECNA    | 2,436.00 | 1,705.20 |
| UCSC-PCIE-CSC-02= | CiscoVIC1225DualPort10GbSFP+CNA          | 1,594.00 | 1,115.80 |
| UCSC-PCIE-CSC-02  | CiscoVIC1225DualPort10GbSFP+CNA          | 1,594.00 | 1,115.80 |

#### UCS C460 M2 Power Supply

|                  |                                      |        |        |
|------------------|--------------------------------------|--------|--------|
| RC460-PSU2-850W  | 850WPOWERSUPPLYUNITFORC-SERIESC460M1 | 613.00 | 429.10 |
| RC460-PSU2-850W= | 850WPOWERSUPPLYUNITFORC-SERIESC440M1 | 613.00 | 429.10 |

#### UCS C460 M2 Other

|                    |                                     |        |        |
|--------------------|-------------------------------------|--------|--------|
| UCSC-MRB-002-C460  | MEMORYRISERBOARDFORC460M2SERVERONLY | 538.00 | 376.60 |
| UCSC-TPM-001-C460  | TPMMODULEFORC460M2SERVERONLY        | 47.00  | 32.90  |
| RC460-EUSB         | eUSB                                | 130.00 | 91.00  |
| RC460-BHTS1=       | CPUHEATSINKFORUCSC460M1RACKSERVER   | 133.00 | 93.10  |
| N20-BBLKD2=        | UCSC250M2andM1HDDblankingpanel      | 38.00  | 26.60  |
| RC460-PSUBLKP=     | R460POWERSUPPLYBLANKINGPANELS       | 50.00  | 35.00  |
| RC460-EUSB=        | eUSB                                | 130.00 | 91.00  |
| UCSC-MRB-002-C460= | MEMORYRISERBOARDFORC460M2SERVERONLY | 538.00 | 376.60 |
| UCSC-TPM-001-C460= | TPMMODULEFORC460M2SERVERONLY        | 47.00  | 32.90  |
| UCSC-GPU-N01-C460  | AccessoryKitforNVIDIATeslaC2050GPU  | 373.00 | 261.10 |
| RC460-SLDRAIL-S    | ShortSlideRailKitforC460,NoCMA      | 0.00   | 0.00   |
| RC460-SLDRAIL-S=   | ShortSlideRailKitforC460,NoCMA      | 310.00 | 217.00 |

#### UCS C460 M2 SMARTnet Maintenance

|                 |   |        |        |
|-----------------|---|--------|--------|
| CON-SNT-C460M2  | SMARTNET 8X5XNBD UCS C460 M2 Rack SVR w/o CPU, Mem HDD, P | 511.00 | 511.00 |
| CON-SNTP-C460M2 | SMARTNET 24X7X4 UCS C460 M2 Rack SVR w/o CPU, Mem HDD, P  | 683.00 | 683.00 |

## Cisco UCS C22 M3 Rackmount Servers

The Cisco Unified Computing System™ (Cisco UCS™) combines Cisco UCS C-Series Rack Servers and B-Series Blade Servers with networking and storage access in a single converged system that simplifies management and delivers greater cost efficiency and agility with increased visibility and control. The latest expansion of the Cisco UCS portfolio includes the new 1RU, Cisco UCS C22 M3 Rack Server and the 2RU, Cisco UCS C24 M3 Rack Server. These two new servers increase computing density and balanced price per performance, through more cores and cache balanced with ample memory capacity and disk drives. Together these server improvements and complementary Cisco UCS advancements deliver the best combination of features and cost efficiency required to support IT's diverse server needs. The Cisco UCS C22 M3 Rack Server combines outstanding economics and a density-optimized feature set over a range of scale-out workloads, from IT and web infrastructure to distributed applications. Building on the success of the Cisco UCS C-Series servers, the C22 M3 server and the Cisco UCS P81E Virtual Interface Card (VIC) further extend the capabilities of the Cisco UCS portfolio in a 1RU form factor with the addition of the Intel® Xeon® processor E5-2400 product family, which delivers an optimal combination of performance and efficiency gains. In addition, the Cisco UCS C22 M3 2-socket server offers 12 DIMM slots, up to eight disk drives, 2 PCI Express (PCIe) Generation 3.0 slots, and two 1 Gigabit Ethernet LAN-on-motherboard (LOM) ports, providing both an excellent price-to-performance ratio and a compact form factor.

The Cisco UCS C22 M3 server is a high-density, scale-out 2-socket server optimized to deliver balanced price and performance for a range of workloads, including scale-out applications, Web 2.0 workloads, density-constrained applications, IT infrastructure, Web infrastructure, and SMB applications.

You can learn more about the Cisco UCS C22 M3 Rackmount Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-C22-M3>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>                            | <u>Description</u>   | <u>USD List Price</u> | <u>EPL Price</u> |
|---|--|-----------------------|------------------|
| <b>UCS C22 M3 SFF Base Rack Servers and Bundles</b> |  |                       |                  |
| UCSV-EZ-C22-301                                     | UCS C22 M3 SFF, 1xE5-2403, 1x8GB, 1x450W, RAILS            | 3,392.00              | 2,374.40         |
| UCSV-EZ-C22-305                                     | UCS C22 M3 SFF, 1xE5-2470, 1x8GB, 1x650W, RAILS            | 6,579.00              | 4,605.30         |
| UCSV-EZ-C22-304                                     | UCS C22 M3 SFF, 1xE5-2450, 1x8GB, 1x450W, RAILS            | 5,604.00              | 3,922.80         |
| UCSV-EZ-C22-303                                     | UCS C22 M3 SFF, 1xE5-2440, 1x8GB, 1x450W, RAILS            | 4,986.00              | 3,490.20         |
| UCSV-EZ-C22-302                                     | UCS C22 M3 SFF, 1xE5-2420, 1x8GB, 1x450W, RAILS            | 3,861.00              | 2,702.70         |
| UCSV-EZ-C22-308                                     | UCS C22 M3 SFF, 2xE5-2470, 2x8GB, 9265CV, 1x650W, RAILS    | 10,712.00             | 7,498.40         |
| UCSV-EZ-C22-307                                     | UCS C22 M3 SFF, 2xE5-2450, 2x8GB, 9240-8i, 1x450W, RAILS   | 8,856.00              | 6,199.20         |
| UCSV-EZ-C22-306                                     | UCS C22 M3 SFF, 2xE5-2440, 2x8GB, 9240-8i, 1x450W, RAILS   | 7,618.00              | 5,332.60         |
| UCS-C22S-CONFIGS                                    | UCS C22 M3 SFF Server and Accessories Selector             | 0.00                  | 0.00             |
| UCS-SP5-C22E  | UCS SP C22 M3 SFF, 2xE5-2420,4x8GB,1x450W,2x300GB 10K      | 7,350.00              | 5,145.00         |
| UCS-SP5-C22V  | UCS SP C22 M3 SFF,2xE5-2440,4x8GB,1x650W,2x300GB           | 9,850.00              | 6,895.00         |
| <b>UCS C22 M3 Processor</b>                         |  |                       |                  |
| UCS-CPU-E5-2440C=                                   | DISTlonly: 2.40 GHz E5-2440/95W 6C/15MB Cache/DDR3 1333MHz | 2,353.00              | 1,647.10         |

**UCS C22 M3 SFF Hard Disk Drive**

|                    |   |          |          |
|--------------------|---|----------|----------|
| UCSV-HD300GI2F105= | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted | 1,087.00 | 760.90   |
| A03V-D1TBSATA=     | 1TB SATA 7.2K RPM SFF HDD/hot plug/drive sled mounted     | 841.00   | 588.70   |
| A03V-D500GC3=      | 500GB SATA 7.2K RPM SFF HDD/hot plug/drive sled mounted   | 519.00   | 363.30   |
| UCSV-HD900GI2F106= | 900GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 1,589.00 | 1,112.30 |
| A03V-D600GA2=      | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 1,011.00 | 707.70   |
| A03V-D300GA2=      | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 501.00   | 350.70   |
| A03V-D146GC2=      | 146GB 6Gb SAS 15K RPM 2.5                                 | 637.00   | 445.90   |

**UCS C22 M3 Memory**

|                    |   |        |        |
|--------------------|---|--------|--------|
| UCSV-MR-1X082RY-A= | 8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/x4/1.35v  | 305.00 | 213.50 |
| UCSV-MR-1X162RY-A= | 16GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/x4/1.35v | 730.00 | 511.00 |

**UCS C22 M3 RAID Controller**

|                  |   |          |          |
|------------------|---|----------|----------|
| UCSC-RAID-ROM1=  | Embedded RAID 0/1/10, 4 ports SAS/SATA                      | 24.00    | 16.80    |
| UCSC-RAID-ROM5=  | Embedded RAID 0/1/10, 8 ports SAS/SATA                      | 114.00   | 79.80    |
| UCS-RAID-CV-SC=  | Supercap for 9266CV, 9265CV and 9285CV-8e                   | 617.00   | 431.90   |
| UCSC-RAID-ROM15= | Embedded RAID 0/1/10/5, 4 ports SAS/SATA                    | 35.00    | 24.50    |
| UCSC-RAID-ROM55= | Embedded RAID 0/1/10/5, 8 ports SAS/SATA                    | 135.00   | 94.50    |
| UCS-RAID-9265CV  | MegaRAID 9265CV-8i, 1GB TMM, Supercap for C22/C24           | 1,873.00 | 1,311.10 |
| UCS-RAID-9265CV= | MegaRAID 9265CV-8i, 1GB TMM, Supercap for C22/C24           | 1,873.00 | 1,311.10 |
| UCS-RAID-9265-NB | VOID: MegaRAID 9265CV-8i, 1GB TMM, w/o Supercap for C22/C24 | 1,311.00 | 917.70   |

**UCS C22 M3 SMARTnet Maintenance**

|                   |  |        |        |
|-------------------|--|--------|--------|
| CON-SNT-C22VM301  | SMARTNET 8X5XNBD UCS C22 M3 Server - SFF | 202.00 | 202.00 |
| CON-SNTP-C22VM301 | SMARTNET 24X7X4 UCS C22 M3 Server - SFF  | 306.00 | 306.00 |
| CON-UCW5-SP5C22E  | UCS HW 8X5XNBDOS UCS C22 M3 Rack Server  | 153.00 | 153.00 |
| CON-UCW5-SP5C22V  | UCS HW 8X5XNBDOS UCS C22 M3 Rack Server  | 153.00 | 153.00 |



## Cisco UCS C24 M3 Rackmount Servers

The form-factor-agnostic Cisco Unified Computing System™ (Cisco UCS™) combines Cisco UCS C-Series Rack Servers and B-Series Blade Servers with networking and storage access in a single converged system that simplifies management and delivers greater cost efficiency and agility with increased visibility and control. The latest expansion of the Cisco UCS portfolio includes the new Cisco UCS C24 M3 Rack Server. This new server increases compute density through more cores and cache balanced with adequate memory capacity, abundant internal disk drives and faster I/O. Together these server improvements and complementary Cisco UCS advancements deliver the combination of features and cost efficiency required to support IT's diverse server needs.

The Cisco UCS C24 M3 Rack Server is designed for both outstanding economics and internal expandability over a range of storage intensive infrastructure workloads, from IT and web Infrastructure to big data. Building on the success of the Cisco UCS C-Series Rack Servers, the Cisco UCS C24 M3 server and the Cisco UCS P81E Virtual Interface Card (VIC) extend the capabilities of the Cisco UCS portfolio in a 2RU form factor with the Intel® Xeon® processor E5-2400 product family, which delivers an optimal combination of performance, flexibility, and efficiency gains. In addition, the Cisco UCS C24 M3 offers up to 12 DIMM slots, 24 disk drives, 5 PCI express (PCIe) slots, and two 1 Gigabit Ethernet LAN-on-motherboard (LOM) ports to provide an exceptional internal storage capacity and price-to-performance ratio. The Cisco UCS C24 M3 further increases performance and customer choice over many types of storage-intensive applications such as IT infrastructure, Web infrastructure, Big Data and Web 2.0, consolidation, and storage server implementations.

You can learn more about the Cisco UCS C24 M3 Rackmount Server on Cisco's website at the following URL:

<http://tinyurl.com/cisco-C24-M3>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:

<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>                           | <u>Description</u>   | <u>USD List Price</u> | <u>EPL Price</u> |
|--|--|-----------------------|------------------|
| <b>UCS C24 M3 SFF Base Rack Server and Bundles</b> |  |                       |                  |
| UCSV-EZ-C24-324                                    | UCS C24 M3 SFF, 2xE5-2450, 2x8GB, 2x450W, RAILS              | 10,391.00             | 7,273.70         |
| UCSV-EZ-C24-321                                    | UCS C24 M3 SFF, 2xE5-2403, 2x8GB, 2x450W, RAILS              | 5,966.00              | 4,176.20         |
| UCSV-EZ-C24-323                                    | UCS C24 M3 SFF, 2xE5-2440, 2x8GB, 2x450W, RAILS              | 10,230.00             | 7,161.00         |
| UCSV-EZ-C24-322                                    | UCS C24 M3 SFF, 2xE5-2420, 2x8GB, 2x450W, RAILS              | 6,904.00              | 4,832.80         |
| UCSV-EZ-C24-325                                    | UCS C24 M3 SFF, 2xE5-2470, 2x8GB, 2x650W, RAILS              | 13,418.00             | 9,392.60         |
| UCS-SP5-C24V                                       | UCS SP C24 M3 SFF, 2xE5-2450,4x8GB,2x450W,2x300GB 10K        | 12,200.00             | 8,540.00         |
| UCS-SP5-C24P                                       | UCS SP C24 M3 SFF, 2xE5-2470, 8x8GB,2x650W,2x300GB 10K       | 15,150.00             | 10,605.00        |
| <b>UCS C24 M3 SFF Hard Disk Drive</b>              |  |                       |                  |
| UCSV-HD300GI2F105=                                 | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 1,087.00              | 760.90           |
| A03V-D1TBSATA=                                     | 1TB SATA 7.2K RPM SFF HDD/hot plug/drive sled mounted        | 841.00                | 588.70           |
| A03V-D500GC3=                                      | 500GB SATA 7.2K RPM SFF HDD/hot plug/drive sled mounted      | 519.00                | 363.30           |
| UCSV-HD900GI2F106=                                 | 900GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,589.00              | 1,112.30         |
| A03V-D600GA2=                                      | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,011.00              | 707.70           |
| A03V-D300GA2=                                      | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 501.00                | 350.70           |
| A03V-D146GC2=                                      | 146GB 6Gb SAS 15K RPM 2.5                                    | 637.00                | 445.90           |
| <b>UCS C24 M3 LFF Hard Disk Drive</b>              |  |                       |                  |
| UCS-HDD2TI2F213=                                   | 2TB SAS 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted    | 1,199.00              | 839.30           |
| UCS-HDD3TI2F214=                                   | 3TB SAS 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted[sp | 1,859.00              | 1,301.30         |

**UCS C24 M3 Processor**

|                    |   |          |          |
|--------------------|---|----------|----------|
| UCS-CPU-E5-2470=   | 2.30 GHz E5-2470/95W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | 4,050.00 | 2,835.00 |
| UCS-CPU-E5-2450C=  | DISTIonly: 2.10 GHz E5-2450/95W 8C/20MB Cache/DDR3 1600MHz  | 3,193.00 | 2,235.10 |
| UCS-CPU-E5-2470C=  | DISTIonly: 2.30 GHz E5-2470/95W 8C/20MB Cache/DDR3 1600MHz  | 4,050.00 | 2,835.00 |
| UCS-CPU-E5-2403C=  | DISTIonly: 1.80 GHz E5-2403/80W 4C/10MB Cache/DDR3 1066MHz  | 641.00   | 448.70   |
| UCS-CPU-E5-2430LC= | DISTIonly: 2.00 GHz E5-2430L/60W 6C/15MB Cache/DDR3 1333MHz | 1,832.00 | 1,282.40 |

**UCS C24 M3 Memory**

|                    |  |        |        |
|--------------------|--|--------|--------|
| UCS-MU-1X042RE-A=  | 4GB DDR3-1600-MHz ECC UDIMM/PC3-12800/dual rank/x8/1.35v | 184.00 | 128.80 |
| UCSV-MR-1X082RY-A= | 8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/x4/1.35v     | 305.00 | 213.50 |
| UCSV-MR-1X162RY-A= | 16GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/x4/1.35v    | 730.00 | 511.00 |

**UCS C24 M3 Adapter**

|                  |  |          |        |
|------------------|--|----------|--------|
| N2XX-ABPCI03-M3= | Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI for M3 Se | 1,001.00 | 700.70 |
| N2XX-ABPCI01-M3= | Broadcom 5709 Dual-Port Ethernet PCIe Adapter for M3 Servers | 373.00   | 261.10 |

**UCS C24 M3 Power Supply**

|                |   |        |        |
|----------------|---|--------|--------|
| UCSC-PSU-450W= | 450W power supply for C-series rack servers | 560.00 | 392.00 |
|----------------|---|--------|--------|

**UCS C24 M3 RAID Controller**

|                  |   |        |        |
|------------------|---|--------|--------|
| UCSC-RAID-ROM1=  | Embedded RAID 0/1/10, 4 ports SAS/SATA    | 24.00  | 16.80  |
| UCSC-RAID-ROM5=  | Embedded RAID 0/1/10, 8 ports SAS/SATA    | 114.00 | 79.80  |
| UCS-RAID-CV-SC=  | Supercap for 9266CV, 9265CV and 9285CV-8e | 617.00 | 431.90 |
| UCSC-RAID-ROM15= | Embedded RAID 0/1/10/5, 4 ports SAS/SATA  | 35.00  | 24.50  |
| UCSC-RAID-ROM55= | Embedded RAID 0/1/10/5, 8 ports SAS/SATA  | 135.00 | 94.50  |

**UCS C24 M3 Other**

|               |                                     |        |        |
|---------------|-------------------------------------|--------|--------|
| UCSC-BBLKD-L= | 3.5-inch HDD Blanking Panel         | 38.00  | 26.60  |
| UCSC-RAIL1-I= | Inner rail spare for C220, C22, C24 | 145.00 | 101.50 |

**UCS C24 M3 SMARTnet Maintenance**

|                   |  |        |        |
|-------------------|--|--------|--------|
| CON-SNT-C24VM321  | SMARTNET 8X5XNBD UCS C24 M3 Server - SFF | 260.00 | 260.00 |
| CON-SNTP-C24VM321 | SMARTNET 24X7X4 UCS C24 M3 Server - SFF  | 392.00 | 392.00 |
| CON-UCW5-SP5C24V  | UCS HW 8X5XNBDOS UCS C24 M3 Rack Server  | 196.00 | 196.00 |
| CON-UCW5-SP5C24P  | UCS HW 8X5XNBDOS UCS C24 M3 Rack Server  | 196.00 | 196.00 |

## Cisco UCS C220 M3 Rackmount Servers

The Cisco® Unified Computing System™ (Cisco UCS) combines Cisco UCS C-Series Rack Servers and B-Series Blade Servers with networking and storage access into a single converged system that simplifies management and delivers greater cost efficiency and agility with increased visibility and control. The latest expansion of the Cisco UCS portfolio includes the new Cisco® UCS C220 M3 Rack Server (one rack unit [1RU]) and Cisco UCS C240 M3 Rack Server (2RU) and the Cisco UCS B200 M3 Blade Server. These three new servers increase compute density through more cores and cache balanced with more memory capacity, disk drives and with faster I/O. Together these server improvements and complementary Cisco UCS advancements deliver the best combination of features and cost efficiency required to support IT's diverse server needs. The Cisco UCS C220 M3 Rack Server is designed for performance and density over a wide range of business workloads, from web serving to distributed databases. Building on the success of the Cisco UCS C200 M2 Rack Server, the enterprise-class Cisco UCS C220 M3 server further extends the capabilities of the Cisco UCS portfolio in a 1RU form factor with the addition of the Intel® Xeon® processor E5-2600 product family, which delivers significant performance and efficiency gains. In addition, the Cisco UCS C220 M3 server offers up to two Intel® Xeon® processor E5-2600s product family, 16 DIMM slots, eight disk drives, and two 1 Gigabit Ethernet LAN-on-motherboard (LOM) ports, delivering outstanding density and performance in a compact package. The Cisco UCS C220 M3 interfaces with Cisco UCS using another unique Cisco innovation: the Cisco UCS P81E Virtual Interface Card (VIC). The Cisco UCS C220 M3 server is a high-density general-purpose 2-socket server optimized to deliver high performance for a large range of workloads, including distributed database clusters, middleware, high-performance virtual desktops, and IT and web infrastructure.

You can learn more about the Cisco UCS C220 M3 Rackmount Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-C220-M3>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>                             | <u>Description</u>  | <u>USD List Price</u> | <u>EPL Price</u> |
|--|---|-----------------------|------------------|
| <b>UCS C220 M3 SFF Base Rack Servers and Bundles</b> |   |                       |                  |
| UCSC-DBUN-C220-110                                   | UCS C220 M3 SFF, 2xE5-2650,2x8GB,9266CV,2x650W,SD,RAILS   | 10,702.00             | 7,491.40         |
| UCSC-DBUN-C220-109                                   | UCS C220 M3 SFF, 2xE5-2665,2x8GB,9266CV,2x650W,SD,RAILS   | 12,127.00             | 8,488.90         |
| UCSC-DBUN-C220-108                                   | UCS C220 M3 SFF, 2xE5-2680,2x8GB,9266CV,2x650W,SD,RAILS   | 13,836.00             | 9,685.20         |
| UCSC-C220-M3S  | UCS C220 M3 SFF w/o CPU, mem, HDD, PCIe, PSU, w/ rail kit | 2,860.00              | 2,002.00         |
| UCSC-DBUN-C220-113                                   | UCS C220 M3 SFF, 1xE5-2609,1x8GB,ROM55,2x650W,SD,RAILS    | 4,487.00              | 3,140.90         |
| UCSC-DBUN-C220-112                                   | UCS C220 M3 SFF, 1xE5-2620,1x8GB,ROM55,2x650W,SD,RAILS    | 4,872.00              | 3,410.40         |
| UCSC-DBUN-C220-111                                   | UCS C220 M3 SFF, 1xE5-2640,1x8GB,ROM55,2x650W,SD,RAILS    | 6,077.00              | 4,253.90         |
| UCSC-C220-M3S=                                       | UCS C220 M3 SFF w/o CPU, mem, HDD, PCIe, PSU, rail kit    | 2,860.00              | 2,002.00         |
| UCSC-C220-M3S-CH                                     | UCS C220 M3 SFF w/o CPU, mem, HD, PCIe, PSU, rail kit     | 2,860.00              | 2,002.00         |
| UCS-SP5-C220E  | UCS C220 M3 SFF w/ 2650, 8x8GB, 5709 1Gb, 2PS             | 12,000.00             | 8,400.00         |
| UCS-SP5-C220V  | UCS C220 M3 SFF w/ 2650, 8x8GB, P81E VIC, 2PS             | 13,250.00             | 9,275.00         |
| UCSC-DBUN-C220-114                                   | UCS C220 M3 SFF, 2xE5-2640,2x8GB,9266CV,2x650W,SD,RAILS   | 10,256.00             | 7,179.20         |
| UCSC-DBUN-C220-115                                   | UCS C220 M3 SFF, 2xE5-2620,2x8GB,RAID-11,2x650W,SD,RAILS  | 6,667.00              | 4,666.90         |
| UCSC-DBUN-C220-116                                   | UCS C220 M3 SFF, 2xE5-2609,2x8GB,RAID-11,2x650W,SD,RAILS  | 5,897.00              | 4,127.90         |
| <b>UCS C220 M3 LFF Base Rack Server</b>              |   |                       |                  |
| UCSC-DBUN-C220-107                                   | UCS C220 M3 SFF,2xE5-2690,2x8GB,9266CV,2x650W,SD,RAILS    | 16,466.00             | 11,526.20        |
| UCSC-C220-M3L  | UCS C220 M3 LFF w/o CPU, mem, HDD, PCIe, PSU, w/ rail kit | 2,860.00              | 2,002.00         |
| UCSC-C220-M3L=                                       | UCS C220 M3 LFF w/o CPU, mem, HDD, PCIe, PSU, rail kit    | 2,860.00              | 2,002.00         |
| UCSC-C220-M3L-CH                                     | UCS C220 M3 LFF w/o CPU, mem, HD, PCIe, PSU, rail kit     | 2,860.00              | 2,002.00         |

## UCS C220 M3 Processor

|                    |  |          |          |
|--------------------|--|----------|----------|
| UCS-CPU-E5-2690C=  | DISTIonly: 2.90 GHz E5-2690/135W 8C/20MB Cache/DDR3 1600MHz  | 6,103.00 | 4,272.10 |
| UCS-CPU-E5-2630C=  | DISTIonly: 2.30 GHz E5-2630/95W 6C/15MB Cache/DDR3 1333MHz   | 1,725.00 | 1,207.50 |
| UCS-CPU-E5-2640C=  | DISTIonly: 2.50 GHz E5-2640/95W 6C/15MB Cache/DDR3 1333MHz   | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2650C=  | DISTIonly: 2.00 GHz E5-2650/95W 8C/20MB Cache/DDR3 1600MHz   | 3,221.00 | 2,254.70 |
| UCS-CPU-E5-2665C=  | DISTIonly: 2.40 GHz E5-2665/115W 8C/20MB Cache/DDR3 1600MHz  | 3,934.00 | 2,753.80 |
| UCS-CPU-E5-2680C=  | DISTIonly: 2.70 GHz E5-2680 130W 8C/20MB Cache/DDR3 1600MHz  | 4,788.00 | 3,351.60 |
| UCS-CPU-E5-2620C=  | DISTIonly: 2.00 GHz E5-2620/95W 6C/15MB Cache/DDR3 1333MHz   | 1,225.00 | 857.50   |
| UCS-CPU-E5-2630LC= | DISTIonly: 2.00 GHz E5-2630L/60W 6C/15MB Cache/DDR3 1333MHz  | 1,868.00 | 1,307.60 |
| UCS-CPU-E5-2643C=  | DISTIonly: 3.30 GHz E5-2643/130W 4C/10MB Cache/DDR3 1600MHz  | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2650LC= | DISTIonly: 1.8GHz E5-2650L/70W 8C/20MB Cache/DDR3 1600MHz    | 3,221.00 | 2,254.70 |
| UCS-CPU-E5-2690    | 2.90 GHz E5-2690/135W 8C/20MB Cache/DDR3 1600MHz             | 6,103.00 | 4,272.10 |
| UCS-CPU-E5-2680    | 2.70 GHz E5-2680 130W 8C/20MB Cache/DDR3 1600MHz             | 4,788.00 | 3,351.60 |
| UCS-CPU-E5-2609    | 2.4 GHz E5-2609/80W 4C/10MB Cache/DDR3 1066MHz               | 890.00   | 623.00   |
| UCS-CPU-E5-2609=   | 2.4 GHz E5-2609/80W 4C/10MB Cache/DDR3 1066MHz/NoHeatSink    | 890.00   | 623.00   |
| UCS-CPU-E5-2643    | 3.30 GHz E5-2643/130W 4C/10MB Cache/DDR3 1600MHz             | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2620    | 2.00 GHz E5-2620/95W 6C/15MB Cache/DDR3 1333MHz              | 1,225.00 | 857.50   |
| UCS-CPU-E5-2620=   | 2.00 GHz E5-2620/95W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink   | 1,225.00 | 857.50   |
| UCS-CPU-E5-2643=   | 3.30 GHz E5-2643/130W 4C/10MB Cache/DDR3 1600MHz/NoHeatSink  | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2640    | 2.50 GHz E5-2640/95W 6C/15MB Cache/DDR3 1333MHz              | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2640=   | 2.50 GHz E5-2640/95W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink   | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2650    | 2.00 GHz E5-2650/95W 8C/20MB Cache/DDR3 1600MHz              | 3,221.00 | 2,254.70 |
| UCS-CPU-E5-2650=   | 2.00 GHz E5-2650/95W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink   | 3,221.00 | 2,254.70 |
| UCS-CPU-E5-2665    | 2.40 GHz E5-2665/115W 8C/20MB Cache/DDR3 1600MHz             | 3,934.00 | 2,753.80 |
| UCS-CPU-E5-2665=   | 2.40 GHz E5-2665/115W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | 3,934.00 | 2,753.80 |
| UCS-CPU-E5-2680=   | 2.70 GHz E5-2680 130W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | 4,788.00 | 3,351.60 |
| UCS-CPU-E5-2630L=  | 2.00 GHz E5-2630L/60W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink  | 1,868.00 | 1,307.60 |
| UCS-CPU-E5-2690=   | 2.90 GHz E5-2690/135W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | 6,103.00 | 4,272.10 |
| UCS-CPU-GREASE=    | CPU thermal grease syringe - needed for heatsink seal        | 40.00    | 28.00    |
| UCS-CPU-EP-PNP=    | Pick n place CPU tool set (for Intel E5 EP Socket R)         | 75.00    | 52.50    |
| UCS-CPU-E5-2660C=  | DISTIonly: 2.20 GHz E5-2660/95W 8C/20MB Cache/DDR3 1600MHz   | 3,600.00 | 2,520.00 |
| UCS-CPU-E5-2660=   | 2.20 GHz E5-2660/95W 8C/20MB Cache/DDR3 1600MHz              | 3,600.00 | 2,520.00 |
| UCS-CPU-E5-2660    | 2.20 GHz E5-2660/95W 8C/20MB Cache/DDR3 1600MHz              | 3,600.00 | 2,520.00 |
| UCS-CPU-GREASE2=   | C220 and C240 CPU thermal grease syringe - needed for heatsi | 40.00    | 28.00    |
| UCS-CPU-E5-2630    | 2.30 GHz E5-2630/95W 6C/15MB Cache/DDR3 1333MHz              | 1,725.00 | 1,207.50 |
| UCS-CPU-E5-2630=   | 2.30 GHz E5-2630/95W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink   | 1,725.00 | 1,207.50 |
| UCS-CPU-E5-2630L   | 2.00 GHz E5-2630L/60W 6C/15MB Cache/DDR3 1333MHz             | 1,868.00 | 1,307.60 |
| UCS-CPU-E5-2650L   | 1.8GHz E5-2650L/70W 8C/20MB Cache/DDR3 1600MHz               | 3,221.00 | 2,254.70 |
| UCS-CPU-E5-2650L=  | 1.8GHz E5-2650L/70W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink    | 3,221.00 | 2,254.70 |

## UCS C220 M3 Memory

|                   |  |            |          |
|-------------------|--|------------|----------|
| UCS-MR-1X082RX-A  | 8GB DDR3-1333-MHz RDIMM/PC3-10600/2R/1.35v               | \$319.00   | 223.30   |
| UCS-MR-1X082RY-A  | 8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v        | \$339.00   | 237.30   |
| UCS-MR-1X162RY-A  | 16GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v       | \$625.00   | 437.50   |
| UCS-MR-1X041RY-A  | 4GB DDR3-1600-MHz RDIMM/PC3-12800/single rank/1.35v      | \$219.00   | 153.30   |
| UCS-MR-1X162RY-A= | 16GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v       | \$625.00   | 437.50   |
| UCS-MR-1X082RY-A= | 8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v        | \$339.00   | 237.30   |
| UCS-MR-1X082RX-A= | 8GB DDR3-1333-MHz RDIMM/PC3-10600/2R/1.35v               | \$319.00   | 223.30   |
| UCS-MR-1X041RY-A= | 4GB DDR3-1600-MHz RDIMM/PC3-12800/single rank/1.35v      | \$219.00   | 153.30   |
| UCS-MR-1X041RX-A  | 4GB DDR3-1333-MHz RDIMM/PC3-10600/1R/1.35v               | \$199.00   | 139.30   |
| UCS-MR-1X041RX-A= | 4GB DDR3-1333-MHz RDIMM/PC3-10600/1R/1.35v               | \$199.00   | 139.30   |
| UCS-MR-1X162RX-A  | 16GB DDR3-1333-MHz RDIMM/PC3-10600/dual rank/1.35v       | \$639.00   | 447.30   |
| UCS-MR-1X162RX-A= | 16GB DDR3-1333-MHz RDIMM/PC3-10600/dual rank/1.35v       | \$639.00   | 447.30   |
| UCS-MU-1X042RE-A= | 4GB DDR3-1600-MHz ECC UDIMM/PC3-12800/dual rank/x8/1.35v | \$184.00   | 128.80   |
| UCS-MU-1X042RE-A  | 4GB DDR3-1600-MHz ECC UDIMM/PC3-12800/dual rank/x8/1.35v | \$184.00   | 128.80   |
| UCS-ML-1X324RY-A= | 32GB DDR3-1600-MHz LR DIMM/PC3-12800/quad rank/x4/1.35v  | \$2,639.00 | 1,847.30 |
| UCS-ML-1X324RY-A  | 32GB DDR3-1600-MHz LR DIMM/PC3-12800/quad rank/x4/1.35v  | \$2,639.00 | 1,847.30 |

### UCS C220 M3 MemoryC220 M3 SFF Hard Drive

|                    |  |          |          |
|--------------------|--|----------|----------|
| UCS-HDD900GI2F106  | 900GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,869.00 | 1,308.30 |
| UCS-HDD300GI2F105  | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 1,279.00 | 895.30   |
| UCS-HDD900GI2F106= | 900GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,869.00 | 1,308.30 |
| A03-D300GA2        | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 589.00   | 412.30   |
| A03-D146GC2        | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 749.00   | 524.30   |
| A03-D146GC2=       | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 749.00   | 524.30   |
| A03-D300GA2=       | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 589.00   | 412.30   |
| A03-D500GC3        | 500GB 6Gb SATA 7.2K RPM SFF hot plug/drive sled mounted      | 610.00   | 427.00   |
| A03-D500GC3=       | 500GB 6Gb SATA 7.2K RPM SFF hot plug/drive sled mounted      | 610.00   | 427.00   |
| A03-D600GA2        | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,189.00 | 832.30   |
| A03-D600GA2=       | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,189.00 | 832.30   |
| UCS-HDD300GI2F105= | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 1,279.00 | 895.30   |
| UCS-SD200G0KA2-E   | 200GB Std Height 15mm SATA SSD hot plug/drive sled mounted   | 4,400.00 | 3,080.00 |
| UCS-SD200G0KA2-E=  | 200GB Std Height 15mm SATA SSD hot plug/drive sled mounted[s | 4,400.00 | 3,080.00 |
| UCS-SD300G0KA2-E   | 300GB Std Height 15mm SATA SSD hot plug/drive sled mounted   | 7,000.00 | 4,900.00 |
| UCS-SD300G0KA2-E=  | 300GB Std Height 15mm SATA SSD hot plug/drive sled mounted[s | 7,000.00 | 4,900.00 |
| UCS-SD100G0KA2-E   | 100GB Std 15mm Z SATA SSD hot plug/drive sled mounted        | 2,430.00 | 1,701.00 |
| UCS-SD100G0KA2-E=  | 100GB Std 15mm Z SATA SSD hot plug/drive sled mounted[spare] | 2,430.00 | 1,701.00 |
| N20-BBLKD=         | UCS 2.5 inch HDD blanking panel                              | 38.00    | 26.60    |
| A03-D1TBSATA=      | 1TB 6Gb SATA 7.2K RPM SFF HDD/hot plug/drive sled mounted    | 989.00   | 692.30   |
| A03-D1TBSATA       | 1TB 6Gb SATA 7.2K RPM SFF HDD/hot plug/drive sled mounted    | 989.00   | 692.30   |

### UCS C220 M3 LFF Hard Drive

|                    |  |          |          |
|--------------------|--|----------|----------|
| UCS-HDD1TI2F212    | 1TB SAS 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted    | 779.00   | 545.30   |
| UCS-HDD1TI2F212=   | 1TB SAS 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted    | 779.00   | 545.30   |
| UCS-HDD300GI2F208  | 300GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 898.00   | 628.60   |
| UCS-HDD300GI2F208= | 300GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 898.00   | 628.60   |
| UCS-HDD450GI2F209  | 450GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 1,089.00 | 762.30   |
| UCS-HDD450GI2F209= | 450GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 1,089.00 | 762.30   |
| UCS-HDD600GI2F210  | 600GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 1,239.00 | 867.30   |
| UCS-HDD600GI2F210= | 600GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 1,239.00 | 867.30   |
| UCS-HDD500GI1F211  | 500GB SATA 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted | 448.00   | 313.60   |
| UCS-HDD500GI1F211= | 500GB SATA 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted | 448.00   | 313.60   |
| UCS-HDD3TI2F214=   | 3TB SAS 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted[sp | 1,859.00 | 1,301.30 |

### UCS C220 M3 RAID Controller

|                    |  |          |          |
|--------------------|--|----------|----------|
| UCSC-RAID-11-C220= | Cisco UCS RAID SAS 2008M-8i Mezz Card for C220 (0/1/10/5/50) | 654.00   | 457.80   |
| UCS-RAID-9266      | MegaRAID 9266-8i + battery backup for C240 and C220          | 2,061.00 | 1,442.70 |
| UCS-RAID-9266=     | MegaRAID 9266-8i + battery backup for C240 and C220 [spare]  | 2,061.00 | 1,442.70 |
| UCS-RAID-BBU=      | BBU09 for 9266   | 422.00   | 295.40   |
| UCSC-RAID-ROM1     | Embedded RAID 0/1/10, 4 ports SAS/SATA                       | 24.00    | 16.80    |
| UCSC-RAID-ROM1=    | Embedded RAID 0/1/10, 4 ports SAS/SATA                       | 24.00    | 16.80    |
| UCSC-RAID-ROM5     | Embedded SW RAID 0/1/10, 8 ports SAS/SATA                    | 114.00   | 79.80    |
| UCSC-RAID-ROM5=    | Embedded RAID 0/1/10, 8 ports SAS/SATA                       | 114.00   | 79.80    |
| UCS-RAID-CV-SC=    | Supercap for 9266CV, 9265CV and 9285CV-8e                    | 617.00   | 431.90   |
| UCSC-RAID-ROM15    | Embedded SW RAID 0/1/10/5, 4 ports SAS/SATA                  | 35.00    | 24.50    |
| UCSC-RAID-ROM55    | Embedded SW RAID 0/1/10/5, 8 ports SAS/SATA                  | 135.00   | 94.50    |
| UCSC-RAID-ROM15=   | Embedded RAID 0/1/10/5, 4 ports SAS/SATA                     | 35.00    | 24.50    |
| UCSC-RAID-ROM55=   | Embedded RAID 0/1/10/5, 8 ports SAS/SATA                     | 135.00   | 94.50    |
| UCS-RAID-9266-NB   | MegaRAID 9266-8i with no battery back up                     | 1,798.00 | 1,258.60 |
| UCS-RAID-9266CV    | MegaRAID 9266CV-8i w/TFM + Super Cap                         | 2,061.00 | 1,442.70 |
| UCS-RAID-9266CV=   | MegaRAID 9266CV-8i w/TFM + Super Cap                         | 2,061.00 | 1,442.70 |
| UCSC-RAID-MZ-240   | 2008 Mezz Card for UCS C240 server, HW TSOC For RAID 0/1/10  | 654.00   | 457.80   |
| UCSC-RAID-MZ-220   | Cisco UCS RAID SAS 2008M-8i Mezz Card for C220 (0/10/10)     | 617.00   | 431.90   |
| UCSC-RAID-MZ-240=  | 2008 Mezz Card for UCS C240 server, HW TSOC For RAID 0/1/10  | 654.00   | 457.80   |
| UCSC-RAID-MZ-220=  | Cisco UCS RAID SAS 2008M-8i Mezz Card for C220 (0/10/10)     | 617.00   | 431.90   |
| UCSC-RAID-11-C220  | Cisco UCS RAID SAS 2008M-8i Mezz Card for C220 (0/1/10/5/50) | 654.00   | 457.80   |

### UCS C220 M3 PCIe Card

|                    |  |          |          |
|--------------------|--|----------|----------|
| UCSC-PCIE-IRJ45    | Intel i350 Quad Port 1Gb Adapter                             | 999.00   | 699.30   |
| UCSC-PCIE-IRJ45=   | Intel Quad GbE adapter                                       | 999.00   | 699.30   |
| N2XX-ACPCI01       | Cisco UCS P81E Virtual Interface Card/ 2-port 10Gbps         | 1,594.00 | 1,115.80 |
| N2XX-AEPCI03=      | Emulex LPe 11002, 4Gb Fibre Channel PCIe Dual Channel HBA    | 3,045.00 | 2,131.50 |
| N2XX-AEPCI03       | Emulex LPe 11002 Dual Port 4Gb Fibre Channel HBA             | 3,045.00 | 2,131.50 |
| N2XX-AIPCI01=      | Intel Dual Port 10 GbE Ethernet X520 Server Adapter          | 1,873.00 | 1,311.10 |
| N2XX-AIPCI01       | Intel X520 Dual Port 10Gb SFP+ Adapter                       | 1,873.00 | 1,311.10 |
| N2XX-ABPCI03=      | Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI           | 1,001.00 | 700.70   |
| N2XX-ABPCI03       | Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI           | 1,001.00 | 700.70   |
| N2XX-AEPCI05       | Emulex LPe 12002 Dual Port 8Gb Fibre Channel HBA             | 3,467.00 | 2,426.90 |
| N2XX-AEPCI05=      | Emulex LPe 12002, 8Gb dual port Fibre Channel HBA            | 3,467.00 | 2,426.90 |
| UCSC-PCIE-BSFP     | Broadcom 57712 Dual Port 10Gb SFP+ w/TOE iSCSI               | 1,498.00 | 1,048.60 |
| UCSC-PCIE-BSFP=    | BROADCOM 57712 10Gb SFP+                                     | 1,498.00 | 1,048.60 |
| N2XX-AQPCI03=      | Qlogic QLE2462, 4Gb dual port Fibre Channel Host Bus Adapter | 3,045.00 | 2,131.50 |
| N2XX-AQPCI03       | Qlogic QLE2462 Dual Port 4Gb Fibre Channel HBA               | 3,045.00 | 2,131.50 |
| N2XX-AQPCI05       | Qlogic QLE2562 Dual Port 8Gb Fibre Channel HBA               | 3,467.00 | 2,426.90 |
| N2XX-ABPCI03-M3=   | Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI for M3 Se | 1,001.00 | 700.70   |
| N2XX-ABPCI03-M3    | Broadcom 5709 Quad Port 1Gb w/TOE iSCSI for M3 Servers       | 1,001.00 | 700.70   |
| UCSC-PCIE-BTG      | Broadcom 57712 Dual Port 10GBASE-T w/TOE iSCSI               | 1,779.00 | 1,245.30 |
| UCSC-PCIE-BTG=     | BROADCOM 57712 10GBASE-T                                     | 1,779.00 | 1,245.30 |
| UCSC-PCIE-ITG      | Intel X520 Dual Port 10GBase-T Adapter                       | 1,873.00 | 1,311.10 |
| UCSC-PCIE-ESFP     | Emulex OCe11102-FX Dual Port 10Gb SFP+ CNA                   | 2,436.00 | 1,705.20 |
| UCSC-PCIE-ESFP=    | Emulex OCe11102-FX dual-port 10 GbE FCoE CNA                 | 2,436.00 | 1,705.20 |
| UCSC-PCIE-QSFP     | Qlogic QLE8242-CU Dual Port 10 GbE FCoE CNA                  | 2,436.00 | 1,705.20 |
| UCSC-PCIE-QSFP=    | Qlogic QLE8242-CU dual-port 10 GbE FCoE CNA                  | 2,436.00 | 1,705.20 |
| UCSC-PCIE-CSC-02=  | Cisco VIC 1225 Dual Port 10Gb SFP+ CNA                       | 1,594.00 | 1,115.80 |
| UCSC-PCIE-CSC-02   | Cisco VIC 1225 Dual Port 10Gb SFP+ CNA                       | 1,594.00 | 1,115.80 |
| UCSC-PCIE-RL-C220= | Left PCIe Riser Board (Riser 1) for C220 M3                  | 185.00   | 129.50   |
| UCSC-PCIE-RR-C220= | Right PCIe Riser Board (Riser 2) for C220 M3                 | 185.00   | 129.50   |

### UCS C220 C220 M3 Power Supply

|                |   |        |        |
|----------------|---|--------|--------|
| UCSC-PSU-650W  | 650W power supply for C-series rack servers | 630.00 | 441.00 |
| UCSC-PSU-650W= | 650W power supply for C-series rack servers | 630.00 | 441.00 |

### UCS C220 M3 SMARTnet Maintenance

|                   |                                      |        |        |
|-------------------|--------------------------------------|--------|--------|
| CON-SNT-C220M3SF  | SMARTNET 8X5XNBD UCS C220 M3 SFF w/o | 239.00 | 239.00 |
| CON-SNTP-C220M3SF | SMARTNET 24X7X4 UCS C220 M3 SFF w/o  | 360.00 | 360.00 |

## Cisco UCS C240 M3 Rackmount Servers

The form-factor-agnostic Cisco® Unified Computing System™ (Cisco UCS™) combines Cisco UCS C-Series Rack Servers and B-Series Blade Servers with networking and storage access in a single converged system that simplifies management and delivers greater cost efficiency and agility with increased visibility and control. The latest expansion of the Cisco UCS portfolio includes the new Cisco UCS C240 M3 Rack Server (two rack units [2RU]) and Cisco UCS C220 M3 Rack Server (1RU) and the Cisco UCS B200 M3 Blade Server. These three new servers increase compute density through more cores and cache balanced with more memory capacity and disk drives and faster I/O. Together these server improvements and complementary Cisco UCS advancements deliver the combination of features and cost efficiency required to support IT's diverse server needs. The Cisco UCS C240 M3 Rack Server is designed for both performance and expandability over a wide range of storage-intensive infrastructure workloads, from big data to collaboration. Building on the success of the Cisco UCS C210 M2 Rack Server, the enterprise-class Cisco UCS C240 M3 server further extends the capabilities of the Cisco UCS portfolio in a 2RU form factor with the addition of the Intel® Xeon® processor E5-2600 product family, which delivers an outstanding combination of performance, flexibility, and efficiency gains. The Cisco UCS C240 M3 offers up to two Intel® Xeon® processor E5-2600 product family, 24 DIMM slots, 24 disk drives, and four 1 Gigabit Ethernet LAN-on-motherboard (LOM) ports to provide exceptional levels of internal memory and storage expandability and exceptional performance. The Cisco UCS C240 M3 interfaces with Cisco UCS using another Cisco innovation, the Cisco UCS P81E Virtual Interface Card (VIC). Not all storage-intensive workloads are alike, and the Cisco UCS C240 M3 server's disk configuration delivers balanced performance and expandability to best meet individual workload requirements. With up to 24 internal drives, the Cisco UCS C240 M3 optionally offers 10,000-RPM and 15,000-RPM SAS drives to deliver a high number of I/O operations per second for transactional workloads such as database management systems. In addition, high-capacity SATA drives provide an economical, large-capacity solution. Superfast SSDs are a third option for workloads that demand extremely fast access to smaller amounts of data. A choice of RAID controller options also helps increase disk performance and reliability. The Cisco UCS C240 M3 further increases performance and customer choice over many types of storage-intensive applications such as collaboration, small and medium-sized business (SMB) databases, Big Data infrastructure, virtualization, server consolidation, storage servers implementations, and high-performance appliances solutions.

You can learn more about the Cisco UCS C240 M3 Rackmount Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-C240-M3>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <b>Cisco Product SKU</b>                             | <b>Description</b>   | <b>USD List Price</b> | <b>EPL Price</b> |
|--|--|-----------------------|------------------|
| <b>UCS C240 M3 SFF Base Rack Servers and Bundles</b> |  |                       |                  |
| UCSC-C240-M3S  | UCS C240 M3 SFF w/o CPU, mem, HD, PCIe, w/ rail kit, expdr   | 3,600.00              | 2,520.00         |
| UCSC-DBUN-C240-114                                   | UCS C240 M3 SFF, 2xE5-2640,2x8GB,9266CV,2x650W,SD,RAILS      | 9,639.00              | 6,747.30         |
| UCSC-DBUN-C240-113                                   | UCS C240 M3 SFF, 2xE5-2609,2x8GB,RAID-11,2x650W,SD,RAILS     | 6,320.00              | 4,424.00         |
| UCSC-DBUN-C240-112                                   | UCS C240 M3 SFF, 2xE5-2620,2x8GB,RAID-11,2x650W,SD,RAILS     | 6,989.00              | 4,892.30         |
| UCSC-EZ-C240-108                                     | UCS C240 M3 SFF, 2xE5-2690,2x8GB,9266CV,2x650W,SD,RAILS      | 16,746.00             | 11,722.20        |
| UCSC-EZ-C240-109                                     | UCS C240 M3 SFF, 2xE5-2680,2x8GB,9266CV,2x650W,SD,RAILS      | 14,116.00             | 9,881.20         |
| UCSC-EZ-C240-110                                     | UCS C240 M3 SFF, 2xE5-2665,2x8GB,9266CV,2x650W,SD,RAILS      | 12,407.00             | 8,684.90         |
| UCSC-DBUN-C240-111                                   | UCS C240 M3 SFF, 2xE5-2650,2x8GB,9266CV,2x650W,SD,RAILS      | 10,982.00             | 7,687.40         |
| UCSC-DBUN-C240-313                                   | UCS C240 M3 SFF2, 1xE5-2640,1x8GB,ROM55,2x650W,SD,RAILS      | 6,634.00              | 4,643.80         |
| UCSC-DBUN-C240-312                                   | UCS C240 M3 SFF2, 1xE5-2620,1x8GB,ROM55,2x650W,SD,RAILS      | 5,333.00              | 3,733.10         |
| UCSC-DBUN-C240-311                                   | UCS C240 M3 SFF2, 1xE5-2609,1x8GB,ROM55,2x650W,SD,RAILS      | 4,997.00              | 3,497.90         |
| UCSC-C240-M3S=                                       | UCS C240 M3 SFF w/o CPU, mem, HD, PCIe, PSU, rail kit        | 3,600.00              | 2,520.00         |
| UCSC-C240-M3S2                                       | UCS C240 M3 SFFw/oExpdr,CPU,mem,HD,PCIe,PSUw/rail kit,       | 3,140.00              | 2,198.00         |
| UCSC-C240-M3S2=                                      | UCS C240 M3 SFFw/o CPU,mem,HD,PCIe,PSU,rail kit              | 3,140.00              | 2,198.00         |
| UCSC-C240-M3S-CH                                     | DISTI ONLY: UCS C240 M3 SFF bare server chassis              | 3,600.00              | 2,520.00         |
| UCSC-C240-M3S2-CH                                    | DISTI ONLY: UCS C240 M3 SFF (16 HDD Backplane) bare server c | 3,140.00              | 2,198.00         |
| UCS-SP5-C240V  | UCS C240 M3 SFF w/ 2665, 8x8GB, P81E VIC, 2PS                | 15,750.00             | 11,025.00        |
| UCS-SP5-C240P  | UCS C240 M3 SFF w/ 2680, 8x8GB, P81E VIC, 2PS                | 17,850.00             | 12,495.00        |

### UCS C240 M3 LFF Base Rack Server

|                  |   |          |          |
|------------------|---|----------|----------|
| UCSC-C240-M3L    | UCS C240 M3 LFF w/oCPU,mem,HD,PCIe,PSU w/ rail kit, expdr | 3,600.00 | 2,520.00 |
| UCSC-C240-M3L=   | UCS C240 M3 LFF w/o CPU, mem, HD, PCIe, PSU, rail kit     | 3,600.00 | 2,520.00 |
| UCSC-C240-M3L-CH | DISTI ONLY: UCS C240 M3 LFF bare server chassis           | 3,600.00 | 2,520.00 |

### UCS C240 M3 Processor

|                    |  |          |          |
|--------------------|--|----------|----------|
| UCS-CPU-E5-2690C=  | DISTIonly: 2.90 GHz E5-2690/135W 8C/20MB Cache/DDR3 1600MHz  | 6,103.00 | 4,272.10 |
| UCS-CPU-E5-2630C=  | DISTIonly: 2.30 GHz E5-2630/95W 6C/15MB Cache/DDR3 1333MHz   | 1,725.00 | 1,207.50 |
| UCS-CPU-E5-2640C=  | DISTIonly: 2.50 GHz E5-2640/95W 6C/15MB Cache/DDR3 1333MHz   | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2650C=  | DISTIonly: 2.00 GHz E5-2650/95W 8C/20MB Cache/DDR3 1600MHz   | 3,221.00 | 2,254.70 |
| UCS-CPU-E5-2665C=  | DISTIonly: 2.40 GHz E5-2665/115W 8C/20MB Cache/DDR3 1600MHz  | 3,934.00 | 2,753.80 |
| UCS-CPU-E5-2680C=  | DISTIonly: 2.70 GHz E5-2680 130W 8C/20MB Cache/DDR3 1600MHz  | 4,788.00 | 3,351.60 |
| UCS-CPU-E5-2620C=  | DISTIonly: 2.00 GHz E5-2620/95W 6C/15MB Cache/DDR3 1333MHz   | 1,225.00 | 857.50   |
| UCS-CPU-E5-2630LC= | DISTIonly: 2.00 GHz E5-2630L/60W 6C/15MB Cache/DDR3 1333MHz  | 1,868.00 | 1,307.60 |
| UCS-CPU-E5-2643C=  | DISTIonly: 3.30 GHz E5-2643/130W 4C/10MB Cache/DDR3 1600MHz  | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2650LC= | DISTIonly: 1.8GHz E5-2650L/70W 8C/20MB Cache/DDR3 1600MHz    | 3,221.00 | 2,254.70 |
| UCS-CPU-E5-2690    | 2.90 GHz E5-2690/135W 8C/20MB Cache/DDR3 1600MHz             | 6,103.00 | 4,272.10 |
| UCS-CPU-E5-2680    | 2.70 GHz E5-2680 130W 8C/20MB Cache/DDR3 1600MHz             | 4,788.00 | 3,351.60 |
| UCS-CPU-E5-2609    | 2.4 GHz E5-2609/80W 4C/10MB Cache/DDR3 1066MHz               | 890.00   | 623.00   |
| UCS-CPU-E5-2609=   | 2.4 GHz E5-2609/80W 4C/10MB Cache/DDR3 1066MHz/NoHeatSink    | 890.00   | 623.00   |
| UCS-CPU-E5-2643    | 3.30 GHz E5-2643/130W 4C/10MB Cache/DDR3 1600MHz             | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2620    | 2.00 GHz E5-2620/95W 6C/15MB Cache/DDR3 1333MHz              | 1,225.00 | 857.50   |
| UCS-CPU-E5-2620=   | 2.00 GHz E5-2620/95W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink   | 1,225.00 | 857.50   |
| UCS-CPU-E5-2643=   | 3.30 GHz E5-2643/130W 4C/10MB Cache/DDR3 1600MHz/NoHeatSink  | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2640    | 2.50 GHz E5-2640/95W 6C/15MB Cache/DDR3 1333MHz              | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2640=   | 2.50 GHz E5-2640/95W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink   | 2,550.00 | 1,785.00 |
| UCS-CPU-E5-2650    | 2.00 GHz E5-2650/95W 8C/20MB Cache/DDR3 1600MHz              | 3,221.00 | 2,254.70 |
| UCS-CPU-E5-2650=   | 2.00 GHz E5-2650/95W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink   | 3,221.00 | 2,254.70 |
| UCS-CPU-E5-2665    | 2.40 GHz E5-2665/115W 8C/20MB Cache/DDR3 1600MHz             | 3,934.00 | 2,753.80 |
| UCS-CPU-E5-2665=   | 2.40 GHz E5-2665/115W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | 3,934.00 | 2,753.80 |
| UCS-CPU-E5-2680=   | 2.70 GHz E5-2680 130W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | 4,788.00 | 3,351.60 |
| UCS-CPU-E5-2630L=  | 2.00 GHz E5-2630L/60W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink  | 1,868.00 | 1,307.60 |
| UCS-CPU-E5-2690=   | 2.90 GHz E5-2690/135W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | 6,103.00 | 4,272.10 |
| UCS-CPU-GREASE=    | CPU thermal grease syringe - needed for heatsink seal        | 40.00    | 28.00    |
| UCS-CPU-EP-PNP=    | Pick n place CPU tool set (for Intel E5 EP Socket R)         | 75.00    | 52.50    |
| UCS-CPU-E5-2660C=  | DISTIonly: 2.20 GHz E5-2660/95W 8C/20MB Cache/DDR3 1600MHz   | 3,600.00 | 2,520.00 |
| UCS-CPU-E5-2660=   | 2.20 GHz E5-2660/95W 8C/20MB Cache/DDR3 1600MHz              | 3,600.00 | 2,520.00 |
| UCS-CPU-E5-2660    | 2.20 GHz E5-2660/95W 8C/20MB Cache/DDR3 1600MHz              | 3,600.00 | 2,520.00 |
| UCS-CPU-GREASE2=   | C220 and C240 CPU thermal grease syringe - needed for heatsi | 40.00    | 28.00    |
| UCS-CPU-E5-2630=   | 2.30 GHz E5-2630/95W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink   | 1,725.00 | 1,207.50 |
| UCS-CPU-E5-2630L   | 2.00 GHz E5-2630L/60W 6C/15MB Cache/DDR3 1333MHz             | 1,868.00 | 1,307.60 |
| UCS-CPU-E5-2650L   | 1.8GHz E5-2650L/70W 8C/20MB Cache/DDR3 1600MHz               | 3,221.00 | 2,254.70 |
| UCS-CPU-E5-2650L=  | 1.8GHz E5-2650L/70W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink    | 3,221.00 | 2,254.70 |

### UCS C240 M3 Memory

|                   |  |            |          |
|-------------------|--|------------|----------|
| UCS-MR-1X082RX-A  | 8GB DDR3-1333-MHz RDIMM/PC3-10600/2R/1.35v               | \$319.00   | 223.30   |
| UCS-MR-1X082RY-A  | 8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v        | \$339.00   | 237.30   |
| UCS-MR-1X162RY-A  | 16GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v       | \$625.00   | 437.50   |
| UCS-MR-1X041RY-A  | 4GB DDR3-1600-MHz RDIMM/PC3-12800/single rank/1.35v      | \$219.00   | 153.30   |
| UCS-MR-1X162RY-A= | 16GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v       | \$625.00   | 437.50   |
| UCS-MR-1X082RY-A= | 8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v        | \$339.00   | 237.30   |
| UCS-MR-1X082RX-A= | 8GB DDR3-1333-MHz RDIMM/PC3-10600/2R/1.35v               | \$319.00   | 223.30   |
| UCS-MR-1X041RY-A= | 4GB DDR3-1600-MHz RDIMM/PC3-12800/single rank/1.35v      | \$219.00   | 153.30   |
| UCS-MR-1X041RX-A  | 4GB DDR3-1333-MHz RDIMM/PC3-10600/1R/1.35v               | \$199.00   | 139.30   |
| UCS-MR-1X041RX-A= | 4GB DDR3-1333-MHz RDIMM/PC3-10600/1R/1.35v               | \$199.00   | 139.30   |
| UCS-MR-1X162RX-A  | 16GB DDR3-1333-MHz RDIMM/PC3-10600/dual rank/1.35v       | \$639.00   | 447.30   |
| UCS-MR-1X162RX-A= | 16GB DDR3-1333-MHz RDIMM/PC3-10600/dual rank/1.35v       | \$639.00   | 447.30   |
| UCS-MU-1X042RE-A= | 4GB DDR3-1600-MHz ECC UDIMM/PC3-12800/dual rank/x8/1.35v | \$184.00   | 128.80   |
| UCS-MU-1X042RE-A  | 4GB DDR3-1600-MHz ECC UDIMM/PC3-12800/dual rank/x8/1.35v | \$184.00   | 128.80   |
| UCS-ML-1X324RY-A= | 32GB DDR3-1600-MHz LR DIMM/PC3-12800/quad rank/x4/1.35v  | \$2,639.00 | 1,847.30 |
| UCS-ML-1X324RY-A  | 32GB DDR3-1600-MHz LR DIMM/PC3-12800/quad rank/x4/1.35v  | \$2,639.00 | 1,847.30 |



### UCS C240 M3 SFF Hard Drive

|                    |  |          |          |
|--------------------|--|----------|----------|
| UCS-HDD900GI2F106  | 900GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,869.00 | 1,308.30 |
| UCS-HDD300GI2F105  | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 1,279.00 | 895.30   |
| UCS-HDD900GI2F106= | 900GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,869.00 | 1,308.30 |
| A03-D300GA2        | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 589.00   | 412.30   |
| A03-D146GC2        | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 749.00   | 524.30   |
| A03-D146GC2=       | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 749.00   | 524.30   |
| A03-D300GA2=       | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 589.00   | 412.30   |
| A03-D500GC3        | 500GB 6Gb SATA 7.2K RPM SFF hot plug/drive sled mounted      | 610.00   | 427.00   |
| A03-D500GC3=       | 500GB 6Gb SATA 7.2K RPM SFF hot plug/drive sled mounted      | 610.00   | 427.00   |
| A03-D600GA2        | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,189.00 | 832.30   |
| A03-D600GA2=       | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,189.00 | 832.30   |
| UCS-HDD300GI2F105= | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 1,279.00 | 895.30   |
| UCS-SD200G0KA2-E   | 200GB Std Height 15mm SATA SSD hot plug/drive sled mounted   | 4,400.00 | 3,080.00 |
| UCS-SD200G0KA2-E=  | 200GB Std Height 15mm SATA SSD hot plug/drive sled mounted[s | 4,400.00 | 3,080.00 |
| UCS-SD300G0KA2-E   | 300GB Std Height 15mm SATA SSD hot plug/drive sled mounted   | 7,000.00 | 4,900.00 |
| UCS-SD300G0KA2-E=  | 300GB Std Height 15mm SATA SSD hot plug/drive sled mounted[s | 7,000.00 | 4,900.00 |
| UCS-SD100G0KA2-E   | 100GB Std 15mm Z SATA SSD hot plug/drive sled mounted        | 2,430.00 | 1,701.00 |
| UCS-SD100G0KA2-E=  | 100GB Std 15mm Z SATA SSD hot plug/drive sled mounted[spare] | 2,430.00 | 1,701.00 |
| N20-BBLKD=         | UCS 2.5 inch HDD blanking panel                              | 38.00    | 26.60    |
| A03-D1TBSATA=      | 1TB 6Gb SATA 7.2K RPM SFF HDD/hot plug/drive sled mounted    | 989.00   | 692.30   |
| A03-D1TBSATA       | 1TB 6Gb SATA 7.2K RPM SFF HDD/hot plug/drive sled mounted    | 989.00   | 692.30   |
| UCSC-HDBP-C240M3S= | 2.5-in HDD Backplane for C240 M3 SFF (services spare only)   | 673.00   | 471.10   |

### C240 M3 LFF Hard Drive

|                    |  |          |          |
|--------------------|--|----------|----------|
| UCS-HDD1TI2F212    | 1TB SAS 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted    | 779.00   | 545.30   |
| UCS-HDD1TI2F212=   | 1TB SAS 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted    | 779.00   | 545.30   |
| UCS-HDD300GI2F208  | 300GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 898.00   | 628.60   |
| UCS-HDD300GI2F208= | 300GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 898.00   | 628.60   |
| UCS-HDD450GI2F209  | 450GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 1,089.00 | 762.30   |
| UCS-HDD450GI2F209= | 450GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 1,089.00 | 762.30   |
| UCS-HDD600GI2F210  | 600GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 1,239.00 | 867.30   |
| UCS-HDD600GI2F210= | 600GB SAS 15K RPM 3.5 inch HDD/hot plug/drive sled mounted   | 1,239.00 | 867.30   |
| UCS-HDD500GI1F211  | 500GB SATA 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted | 448.00   | 313.60   |
| UCS-HDD500GI1F211= | 500GB SATA 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted | 448.00   | 313.60   |
| UCSC-HDBP-C240M3L= | 3.5-in HDD Backplane for C240 M3 LFF (services spare only)   | 673.00   | 471.10   |
| UCS-HDD3TI2F214=   | 3TB SAS 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted[sp | 1,859.00 | 1,301.30 |

### UCS C240 M3 RAID Controller

|                    |  |          |          |
|--------------------|--|----------|----------|
| UCSC-RAID-11-C240  | LSI 2008 SAS RAID Mezzanine Card for UCS C240 server         | 711.00   | 497.70   |
| UCSC-RAID-11-C240= | LSI 2008 SAS RAID Mezzanine Card for UCS C240 server (spare) | 711.00   | 497.70   |
| UCS-RAID-9266      | MegaRAID 9266-8i + battery backup for C240 and C220          | 2,061.00 | 1,442.70 |
| UCS-RAID-9266=     | MegaRAID 9266-8i + battery backup for C240 and C220 [spare]  | 2,061.00 | 1,442.70 |
| UCS-RAID-BBU=      | BBU09 for 9266   | 422.00   | 295.40   |
| UCSC-RAID-ROM1     | Embedded RAID 0/1/10, 4 ports SAS/SATA                       | 24.00    | 16.80    |
| UCSC-RAID-ROM1=    | Embedded RAID 0/1/10, 4 ports SAS/SATA                       | 24.00    | 16.80    |
| UCSC-RAID-ROM5     | Embedded SW RAID 0/1/10, 8 ports SAS/SATA                    | 114.00   | 79.80    |
| UCSC-RAID-ROM5=    | Embedded RAID 0/1/10, 8 ports SAS/SATA                       | 114.00   | 79.80    |
| UCS-RAID-CV-SC=    | Supercap for 9266CV, 9265CV and 9285CV-8e                    | 617.00   | 431.90   |
| UCSC-RAID-ROM15    | Embedded SW RAID 0/1/10/5, 4 ports SAS/SATA                  | 35.00    | 24.50    |
| UCSC-RAID-ROM55    | Embedded SW RAID 0/1/10/5, 8 ports SAS/SATA                  | 135.00   | 94.50    |
| UCSC-RAID-ROM15=   | Embedded RAID 0/1/10/5, 4 ports SAS/SATA                     | 35.00    | 24.50    |
| UCSC-RAID-ROM55=   | Embedded RAID 0/1/10/5, 8 ports SAS/SATA                     | 135.00   | 94.50    |
| UCS-RAID-9266-NB   | MegaRAID 9266-8i with no battery back up                     | 1,798.00 | 1,258.60 |
| UCS-RAID-9266CV    | MegaRAID 9266CV-8i w/TFM + Super Cap                         | 2,061.00 | 1,442.70 |
| UCS-RAID-9266CV=   | MegaRAID 9266CV-8i w/TFM + Super Cap                         | 2,061.00 | 1,442.70 |
| UCSC-RAID-MZ-240   | 2008 Mezz Card for UCS C240 server, HW TSOC For RAID 0/1/10  | 654.00   | 457.80   |
| UCSC-RAID-MZ-220   | Cisco UCS RAID SAS 2008M-8i Mezz Card for C220 (0/10/10)     | 617.00   | 431.90   |
| UCSC-RAID-MZ-240=  | 2008 Mezz Card for UCS C240 server, HW TSOC For RAID 0/1/10  | 654.00   | 457.80   |
| UCSC-RAID-MZ-220=  | Cisco UCS RAID SAS 2008M-8i Mezz Card for C220 (0/10/10)     | 617.00   | 431.90   |

**UCS C240 M3 PCIe Card**

|                    |  |          |          |
|--------------------|--|----------|----------|
| UCSC-PCIE-IRJ45    | Intel i350 Quad Port 1Gb Adapter                             | 999.00   | 699.30   |
| UCSC-PCIE-IRJ45=   | Intel Quad GbE adapter                                       | 999.00   | 699.30   |
| N2XX-ACPCI01       | Cisco UCS P81E Virtual Interface Card/ 2-port 10Gbps         | 1,594.00 | 1,115.80 |
| N2XX-AEPCI03=      | Emulex LPe 11002, 4Gb Fibre Channel PCIe Dual Channel HBA    | 3,045.00 | 2,131.50 |
| N2XX-AEPCI03       | Emulex LPe 11002 Dual Port 4Gb Fibre Channel HBA             | 3,045.00 | 2,131.50 |
| N2XX-AIPCI01=      | Intel Dual Port 10 GbE Ethernet X520 Server Adapter          | 1,873.00 | 1,311.10 |
| N2XX-AIPCI01       | Intel X520 Dual Port 10Gb SFP+ Adapter                       | 1,873.00 | 1,311.10 |
| N2XX-ABPCI03=      | Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI           | 1,001.00 | 700.70   |
| N2XX-ABPCI03       | Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI           | 1,001.00 | 700.70   |
| N2XX-AEPCI05       | Emulex LPe 12002 Dual Port 8Gb Fibre Channel HBA             | 3,467.00 | 2,426.90 |
| N2XX-AEPCI05=      | Emulex LPe 12002, 8Gb dual port Fibre Channel HBA            | 3,467.00 | 2,426.90 |
| UCSC-PCIE-BSFP     | Broadcom 57712 Dual Port 10Gb SFP+ w/TOE iSCSI               | 1,498.00 | 1,048.60 |
| UCSC-PCIE-BSFP=    | BROADCOM 57712 10Gb SFP+                                     | 1,498.00 | 1,048.60 |
| N2XX-AQPCI03=      | Qlogic QLE2462, 4Gb dual port Fibre Channel Host Bus Adapter | 3,045.00 | 2,131.50 |
| N2XX-AQPCI03       | Qlogic QLE2462 Dual Port 4Gb Fibre Channel HBA               | 3,045.00 | 2,131.50 |
| N2XX-AQPCI05       | Qlogic QLE2562 Dual Port 8Gb Fibre Channel HBA               | 3,467.00 | 2,426.90 |
| N20-BKVM=          | KVM local IO cable for UCS servers console port              | 92.00    | 64.40    |
| N2XX-ABPCI03-M3=   | Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI for M3 Se | 1,001.00 | 700.70   |
| N2XX-ABPCI03-M3    | Broadcom 5709 Quad Port 1Gb w/TOE iSCSI for M3 Servers       | 1,001.00 | 700.70   |
| UCSC-PCIE-BTG      | Broadcom 57712 Dual Port 10GBASE-T w/TOE iSCSI               | 1,779.00 | 1,245.30 |
| UCSC-PCIE-BTG=     | BROADCOM 57712 10GBASE-T                                     | 1,779.00 | 1,245.30 |
| UCSC-PCIE-ITG      | Intel X520 Dual Port 10GBase-T Adapter                       | 1,873.00 | 1,311.10 |
| UCSC-PCIE-ESFP     | Emulex OCe11102-FX Dual Port 10Gb SFP+ CNA                   | 2,436.00 | 1,705.20 |
| UCSC-PCIE-ESFP=    | Emulex OCe11102-FX dual-port 10 GbE FCoE CNA                 | 2,436.00 | 1,705.20 |
| UCSC-PCIE-QSFP     | Qlogic QLE8242-CU Dual Port 10 GbE FCoE CNA                  | 2,436.00 | 1,705.20 |
| UCSC-PCIE-QSFP=    | Qlogic QLE8242-CU dual-port 10 GbE FCoE CNA                  | 2,436.00 | 1,705.20 |
| UCSC-PCIE-CSC-02=  | Cisco VIC 1225 Dual Port 10Gb SFP+ CNA                       | 1,594.00 | 1,115.80 |
| UCSC-PCIE-CSC-02   | Cisco VIC 1225 Dual Port 10Gb SFP+ CNA                       | 1,594.00 | 1,115.80 |
| UCSC-PCIE-RL-C240= | Left PCIe Riser Board (Riser 1) for C240 M3                  | 185.00   | 129.50   |
| N20-MBLIBATT=      | Replacement Lithium Battery for Server Motherboard (CR2032)  | 60.00    | 42.00    |

**UCS C240 M3 Power Supply**

|                |   |        |        |
|----------------|---|--------|--------|
| UCSC-PSU-650W= | 650W power supply for C-series rack servers | 630.00 | 441.00 |
| UCSC-PSU-650W  | 650W power supply for C-series rack servers | 630.00 | 441.00 |

**UCS C240 M3 Other**

|                    |  |        |        |
|--------------------|--|--------|--------|
| UCSC-CABLE6=       | SAS/SATA Cable Kit for C240 M3 24 Drive Backplane            | 206.00 | 144.20 |
| UCSC-CPL-C240=     | UCS C240 Control Panel/Slam Latch Kit (R/L)                  | 263.00 | 184.10 |
| UCSC-CMA2=         | Cable Management Arm for C240, C260 rack servers             | 185.00 | 129.50 |
| UCSC-HS-C240M3=    | Heat Sink for UCS C240 M3 Rack Server                        | 99.00  | 69.30  |
| UCSC-AIRBAF-C240=  | Set of spare Air Baffles for C240 Server                     | 100.00 | 70.00  |
| UCSC-SD-16G-C240=  | 16GB SD Card Module for C240 Servers                         | 140.00 | 98.00  |
| UCS-USBFLSH-S-4GB  | 4GB Flash USB Drive (shorter) for all M3 servers             | 100.00 | 70.00  |
| UCS-USBFLSH-S-4GB= | 4GB Flash USB Drive (shorter) for all M3 servers             | 100.00 | 70.00  |
| R200-PCIBLKL1=     | PCIe Low Profile blanking panel for UCS C200 Rack Server     | 58.00  | 40.60  |
| R200-PCIBLKF1=     | PCIe Full Height blanking panel for UCS C-Series Rack Server | 58.00  | 40.60  |
| UCSX-TPM1-001      | TPM Module For UCS   | 75.00  | 52.50  |
| UCSX-TPM1-001=     | TPM Module For UCS   | 75.00  | 52.50  |
| UCSC-PSU-BLKP=     | Power supply blanking panel/filler                           | 58.00  | 40.60  |
| C260-FAN-001=      | Fan Module for C260  | 199.00 | 139.30 |
| UCSC-RAIL-2U       | 2U Rail Kit for UCS C-Series servers                         | 199.00 | 139.30 |
| UCS-SD-16G         | 16GB SD Card module for UCS Servers                          | 300.00 | 210.00 |
| UCS-SD-16G=        | 16GB SD Card module for UCS Servers                          | 300.00 | 210.00 |
| UCSC-RAIL-2U-I=    | Inner rail spare for C240 and C260                           | 145.00 | 101.50 |
| UCSC-CABLE4=       | Set of two spare SAS/SATA Cables for C240 M3 LFF (3.5-in)    | 206.00 | 144.20 |

**UCS C240 M3 SMARTnet Maintenance**

|                   |                                      |        |        |
|-------------------|--------------------------------------|--------|--------|
| CON-SNT-C240M3SF  | SMARTNET 8X5XNBD UCS C240 M3 SFF w/o | 305.00 | 305.00 |
| CON-SNTP-C240M3SF | SMARTNET 24X7X4 UCS C240 M3 SFF w/o  | 461.00 | 461.00 |

MS IT Hardware EPL 3658 - Server Category  
 Document Version: 20130311  
 Replaced Document Version: 20120828  
 Updated By: Alan Piklor  
 Date: March, 11, 2013

## Cisco UCS B200 M2 Blade Servers

The Cisco® Unified Computing System is a next-generation data center platform that unites compute, network, storage access, and virtualization into a cohesive system designed to reduce total cost of ownership (TCO) and increase business agility. The system integrates a low-latency, lossless 10 Gigabit Ethernet unified network fabric with enterprise-class, x86-architecture servers. The system is an integrated, scalable, multichassis platform in which all resources participate in a unified management domain. The Cisco UCS B200 M2 Blade Server balances simplicity, performance, and density for production-level virtualization and other mainstream data-center workloads. The server is a half-width, 2-socket blade server with substantial throughput and scalability. Building on the success of the UCS B200 M1 server, the UCS B200 M2 server extends the capabilities of the Cisco Unified Computing System. It uses Intel's latest Xeon 5600 series multicore processors to deliver even better performance and efficiency. A Cisco UCS 5108 Blade Server Chassis can house up to 8 UCS B200 M2 Blade Servers, with a maximum of 160 per Unified Computing System.

You can learn more about the Cisco UCS B200 M2 Blade Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-B200-M2>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>                                   | <u>Description</u>  | <u>USD List Price</u> | <u>EPL Price</u> |
|--|---|-----------------------|------------------|
| <b>UCS B200 M2 Blade Server (* Select Options)</b>         |   |                       |                  |
| N20-B6625-1  | UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine  | 2,954.00              | 2,067.80         |
| <b>UCS B200 M2 Blade Server - Spare (* Select Options)</b> |   |                       |                  |
| N20-B6625-1-UPG  | UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine  | 2,954.00              | 2,067.80         |
| <b>* Processor Options</b>                                 |   |                       |                  |
| A01-X0100  | 3.33GHz Xeon X5680 130W CPU/12MB cache/DDR3 1333MHz       | 4,686.00              | 3,280.20         |
| A01-X0102  | 2.93GHz Xeon X5670 95W CPU/12MB cache/DDR3 1333MHz        | 3,842.00              | 2,689.40         |
| A01-X0105  | 2.66GHz Xeon X5650 95W CPU/12MB cache/DDR3 1333MHz        | 2,754.00              | 1,927.80         |
| A01-X0106  | 2.26GHz Xeon L5640 60W CPU/12MB cache/DDR3 1066MHz        | 2,716.00              | 1,901.20         |
| A01-X0109  | 2.66GHz Xeon E5640 80W CPU/12MB cache/DDR3 1066MHz        | 2,061.00              | 1,442.70         |
| A01-X0113  | 2.13GHz Xeon E5506 80W CPU/4MB cache/DDR3 800MHz          | 795.00                | 556.50           |
| N20-X00001   | 2.93GHz Xeon X5570 95W CPU/8MB cache/DDR3 1333MHz         | 3,936.00              | 2,755.20         |
| N20-X00002   | 2.53GHz Xeon E5540 80W CPU/8MB cache/DDR3 1066MHz         | 2,061.00              | 1,442.70         |
| N20-X00003   | 2.26GHz Xeon E5520 80W CPU/8MB cache/DDR3 1066MHz         | 1,124.00              | 786.80           |
| N20-X00004   | 2.26GHz Xeon L5520 60W CPU/8MB cache/DDR3 1066MHz         | 1,499.00              | 1,049.30         |
| N20-X00006   | 2.66GHz Xeon X5550 95W CPU/8MB cache/DDR3 1333MHz         | 2,754.00              | 1,927.80         |
| A01-X0115  | Intel Xeon X5690 3.46GHz /6c/130W/12MB cache/DDR3 1333MHz | 4,686.00              | 3,280.20         |
| A01-X0117  | Intel Xeon X5675 3.06GHz /6c/95W/12MB cache/DDR3 1333MHz  | 3,842.00              | 2,689.40         |
| A01-X0120  | Intel Xeon E5649 2.53GHz /6c/80W/12MB cache/DDR3 1333MHz  | 2,061.00              | 1,442.70         |

**\* Memory Options**

|               |  |          |          |
|---------------|--|----------|----------|
| N01-M304GB1   | 4GB DDR3-1333MHz RDIMM/PC3-10600/dual rank 1Gb DRAMs       | 394.00   | 275.80   |
| N01-M304GB1-L | 4GB DDR3-1333MHz RDIMM/PC3-10600/dual rank/Low-Dual Volt   | 413.00   | 289.10   |
| N01-M308GB2   | 8GB DDR3-1333MHz RDIMM/PC3-10600/dual rank 2Gb DRAMs       | 767.00   | 536.90   |
| N01-M308GB2-L | 8GB DDR3-1333MHz RDIMM/PC3-10600/dual rank/Low-Dual Volt   | 842.00   | 589.40   |
| A02-M304GB2-L | 4GB DDR3-1333MHz RDIMM/PC3-10600/single rank/Low-Dual Volt | 413.00   | 289.10   |
| A02-M316GB2-L | 16GB DDR3-1066MHz RDIMM/PC3-8500/quad rank/Low-Dual Volt   | 1,873.00 | 1,311.10 |

**\* PCI Express Card Options**

|            |  |          |          |
|------------|--|----------|----------|
| N20-AI0002 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter/PCIe/2-port 10Gb  | 1,311.00 | 917.70   |
| N20-AQ0002 | UCS M71KR-Q Qlogic Converged Network Adapter/PCIe/2port 10Gb | 1,404.00 | 982.80   |
| N20-AE0002 | UCS M71KR-E Emulex Converged Network Adapter/PCIe/2port 10Gb | 1,499.00 | 1,049.30 |
| N20-AC0002 | UCS M81KR Virtual Interface Card/PCIe/2-port 10Gb            | 1,499.00 | 1,049.30 |
| N20-AQ0102 | Cisco UCS CNA M72KR-Q Qlogic Converged Network Adapter       | 1,498.00 | 1,048.60 |
| N20-AE0102 | Cisco UCS CNA M72KR-E Emulex Converged Network Adapter       | 1,592.00 | 1,114.40 |
| N20-AI0102 | Cisco UCS CNA M61KR-I Intel Converged Network Adapter        | 1,217.00 | 851.90   |
| N20-AB0002 | Cisco UCS NIC M51KR-B Broadcom BCM57711 Network Adapter      | 1,179.00 | 825.30   |

**\* Hard Drive Options**

|             |   |          |          |
|-------------|---|----------|----------|
| A03-D073GC2 | 73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted  | 561.00   | 392.70   |
| A03-D146GA2 | 146GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 486.00   | 340.20   |
| A03-D146GC2 | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted | 748.00   | 523.60   |
| A03-D300GA2 | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 842.00   | 589.40   |
| A03-D100SSD | 100GB SATA SSD SFF/hot plug/drive sled mounted            | 3,936.00 | 2,755.20 |
| A02-D600GA2 | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 1,498.00 | 1,048.60 |

**\* SMARTnet Maintenance Options**

|                  |   |        |        |
|------------------|---|--------|--------|
| CON-SNT-B66251U  | SMARTNET 8X5XNBD UCSB200 M2 Blade Svr w/o CPU Mem HDD Mez | 182.00 | 182.00 |
| CON-SNTP-B66251U | SMARTNET 24X7X4 UCSB200 M2 Blade Svr w/o CPU Mem HDD Mez  | 243.00 | 243.00 |

## Cisco UCS B230 M2 Blade Servers

The Cisco® UCS B230 M2 Blade Server is one of the industry's highest-density two-socket blade server platforms. It is a critical new building block in the Cisco Unified Computing System™ portfolio, offering compact performance for enterprise-critical applications within the Cisco Unified Computing System architecture. It is an excellent choice for IT departments that are looking for ways to increase computing performance and memory capacity while getting the most value from the available space in their data centers. Cisco continues its commitment to being a trusted x86 systems provider with a wide range of system options. The Cisco UCS B230 M2 further extends the capabilities of the Cisco Unified Computing System by delivering new levels of performance, energy efficiency, reliability and security for mission-critical applications in a virtualized environment.

The Cisco UCS B230 M2 is based on industry-standard server technologies and provides: One or two multicore Intel® Xeon® processor E7-2800 product family, for up to 20 processing cores; 32 DIMM slots for industry-standard Samsung 40-nanometer (nm) technology using double-data-rate 3 (DDR3) memory; Two optional solid-state drives (SSDs); One dual-port mezzanine slot for up to 20 Gbps of redundant I/O throughput; Remote management through a Cisco Integrated Management Controller (IMC) that implements policy established in Cisco UCS Manager software; Local keyboard, video, and mouse (KVM) access through a front console port on each server; Out-of-band access by remote KVM, Secure Shell (SSH) Protocol, and virtual media (vMedia) as well as the Intelligent Platform Management Interface (IPMI). The Cisco UCS B230 M2 is a half-width blade. Up to eight of these high-density two-socket servers can reside in the six-rack-unit (6RU) Cisco UCS 5100 Series Blade Server Chassis, offering one of the highest densities of servers per rack unit in the industry.

You can learn more about the Cisco UCS B230 M2 Blade Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-B230-M2>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>     | <u>Description</u>                                       | <u>USD List Price</u> | <u>EPL Price</u> |
|------------------------------|--|-----------------------|------------------|
| <b>UCS B230 M2 Server</b>    |  |                       |                  |
| B230-BASE-M2                 | UCS B230 M2 Blade Server w/o CPU, memory, SSD, mezzanine | 7,200.00              | 5,040.00         |
| B230-BASE-M2D                | UCS B230 M2 Blade Server w/o CPU, memory, SSD, mezzanine | 7,200.00              | 5,040.00         |
| B230-BASE-M2UPG              | UCS B230 M2 Blade Server w/o CPU, memory, SSD, mezzanine | 7,200.00              | 5,040.00         |
| UCS-SP4-ENUC-B230            | UCS SP4 BNDL w/B230,2x2870,24x8GB DDR3,1xVNIC            | 26,862.00             | 18,803.40        |
| N20-BBLKD-7MM=               | UCS B230 M2 and M1 7mm SSD blanking panel                | 95.00                 | 66.50            |
| <b>UCS B230 M2 Processor</b> |  |                       |                  |
| UCS-CPU-E72870               | 2.4 GHz E7-2870 130W 10C / 30M Cache                     | 10,080.00             | 7,056.00         |
| UCS-CPU-E72860               | 2.26 GHz E7-2860 130W 10C / 24M Cache                    | 8,419.00              | 5,893.30         |
| UCS-CPU-E72850               | 2 GHz E7-2850 130W 10C /24M Cache                        | 6,186.00              | 4,330.20         |
| UCS-CPU-E72830               | 2.13 GHz E7-2830 105W 8C / 24M Cache                     | 4,858.00              | 3,400.60         |
| UCS-CPU-E72803               | 1.73 GHz E7-2803 105W 6C / 18M Cache                     | 2,156.00              | 1,509.20         |
| UCS-CPU-E78867L              | 2.13 GHz E7-8867L 105W 10C / 30M Cache                   | 9,375.00              | 6,562.50         |
| UCS-CPU-E72850=              | 2 GHz E7-2850 130W 10C /24M Cache/NoHeatSink             | 6,186.00              | 4,330.20         |
| UCS-CPU-E72870=              | 2.4 GHz E7-2870 130W 10C / 30M Cache /NoHeatSink         | 10,080.00             | 7,056.00         |

**UCS B230 M2 Solid State Drive**

|                    |  |          |          |
|--------------------|--|----------|----------|
| N20-D032SSD        | 32GB Low Height 7mm SATA SSD hot plug/drive sled mounted     | 1,686.00 | 1,180.20 |
| N20-D064SSD        | 64GB Low Height 7mm SATA SSD hot plug/drive sled mounted     | 2,436.00 | 1,705.20 |
| UCS-SSD100G11F105  | 100GB Low Height 7mm SATA SSD hot plug/drive sled mounted    | 2,436.00 | 1,705.20 |
| UCS-SSD100G11F105= | 100GB Low Height 7mm SATA SSD hot plug/drive sled mounted    | 2,436.00 | 1,705.20 |
| UCS-SD300G0KA2-T   | 300GB Low Height 7mm SATA SSD hot plug/drive sled mounted    | 7,000.00 | 4,900.00 |
| UCS-SD300G0KA2-T=  | 300GB Low Height 7mm SATA SSD hot plug/drive sled mounted[sp | 7,000.00 | 4,900.00 |

**UCS B230 M2 Memory**

|                   |  |          |          |
|-------------------|--|----------|----------|
| A02-M308GB3-2     | 8GB DDR3-1333MHz RDIMM/PC3-10600/2x4GB 2R Kit/Low Volt       | 571.00   | 399.70   |
| A02-M316GB3-2     | 16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit/Low Volt      | 708.00   | 495.60   |
| A02-M308GD5-2     | 8GB DDR3-1333MHz RDIMM/PC3-10600/2x4GB 2R Kit                | 721.00   | 504.70   |
| A02-M316GD5-2     | 16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit               | 1,220.00 | 854.00   |
| A02-M332GD3-2-L   | 32GB DDR3-1066 RDIMM/PC3-8500/2x16GB 4R Kit Low Volt/NoHeatS | 1,988.00 | 1,391.60 |
| UCS-MR-2X041RX-C  | 2X4GB DDR3-1333-MHz RDIMM/PC3-10600/single rank/x8/1.35v     | 450.00   | 315.00   |
| UCS-MR-2X082RX-C  | 2X8GB DDR3-1333-MHz RDIMM/PC3-10600/dual rank/x2/1.35v       | 708.00   | 495.60   |
| UCS-MR-2X164RX-D  | 2X16GB NHS DDR3-1333-MHz RDIMM/PC3-10600/quad rank/x4/1.35v  | 1,798.00 | 1,258.60 |
| UCS-MR-2X164RX-D= | 2X16GB NHS DDR3-1333-MHz RDIMM/PC3-10600/quad rank/x4/1.35v  | 1,798.00 | 1,258.60 |

**B230 M2 Mezzanine Adapter**

|             |  |          |          |
|-------------|--|----------|----------|
| N20-AC0002  | UCS M81KR Virtual Interface Card/PCIe/2-port 10Gb            | 1,699.00 | 1,189.30 |
| N20-AC0002= | UCS M81KR Virtual Interface Card/PCIe/2-port 10Gb            | 1,699.00 | 1,189.30 |
| N20-AI0102  | Cisco UCS CNA M61KR-I Intel Converged Network Adapter        | 1,217.00 | 851.90   |
| N20-AI0102= | Cisco UCS CNA M61KR-I Intel Converged Network Adapter        | 1,217.00 | 851.90   |
| N20-AB0002  | Cisco UCS M51KR-B Broadcom 57711 Adapter                     | 1,179.00 | 825.30   |
| N20-AB0002= | Cisco UCS NIC M51KR-B Broadcom BCM57711 Network Adapter      | 1,179.00 | 825.30   |
| N20-AE0102  | Cisco UCS CNA M72KR-E Emulex Adapter                         | 1,498.00 | 1,048.60 |
| N20-AE0102= | Cisco UCS CNA M72KR-E Emulex Converged Network Adapter       | 1,498.00 | 1,048.60 |
| N20-AQ0102  | Cisco UCS CNA M72KR-Q QLogic Adapter                         | 1,404.00 | 982.80   |
| N20-AQ0102= | Cisco UCS CNA M72KR-Q QLogic Converged Network Adapter       | 1,404.00 | 982.80   |
| N20-AQ0002  | UCS M71KR-Q QLogic Converged Network Adapter/PCIe/2port 10Gb | 1,967.00 | 1,376.90 |

**UCS B230 M2 SMARTnet Maintenance**

|                  |  |        |        |
|------------------|--|--------|--------|
| CON-SNT-B230M2U  | SMARTNET 8X5XNBD UCS B230 M2 Blade Server w/o CPU, mem | 214.00 | 214.00 |
| CON-SNTP-B230M2U | SMARTNET 24X7X4 UCS B230 M2 Blade Server w/o CPU, mem  | 287.00 | 287.00 |

## Cisco UCS B440 M2 Blade Servers

The Cisco® UCS B440 M2 High-Performance Blade Server delivers the performance, scalability and reliability to power computation-intensive, enterprise-critical applications. By extending the agility and total-cost-of-ownership (TCO) benefits of unified computing to a wider range of workloads, the Cisco UCS B440 M2 helps IT departments free resources and respond more quickly to business demands. The Cisco UCS B440 M2 is based on industry-standard server technologies and provides: Two or four multicore Intel® Xeon® processor E7-4800 product family for up to 40 processing cores; Even better power performance than the B440 M1 with next generation memory buffers; 32 DIMM slots for industry-standard double-data-rate 3 (DDR3) memory; Four optional front-accessible, hot-pluggable Small Form Factor (SFF) hard drives with an LSI Logic SAS2108 controller and integrated RAID; Two dual-port mezzanine-card connections for up to 40 Gbps of redundant I/O throughput; Remote management through an integrated service processor that also implements policy established in Cisco UCS Manager software; Local keyboard, video, and mouse (KVM) access through a front console port on each server; Out-of-band access by remote KVM, Secure Shell (SSH) Protocol, and virtual media (vMedia) as well as the Intelligent Platform Management Interface (IPMI). The Cisco UCS B440 M2 is a full-width blade server; up to four of these high-density four-socket servers can reside in the six-rack-unit (6RU) Cisco UCS 5100 Series Blade Server Chassis. The Cisco UCS B440 M2 delivers an optimized balance of processing performance, memory capacity, advanced I/O, and mission-critical reliability in a high-density form factor. This powerful building block extends the capability of the Cisco Unified Computing System to help IT architects deliver enterprise-critical services with higher levels of efficiency, agility, and control than ever before.

You can learn more about the Cisco UCS B440 M2 Blade Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-B440-M2>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>      | <u>Description</u>                                       | <u>USD List Price</u> | <u>EPL Price</u> |
|-------------------------------|--|-----------------------|------------------|
| <b>UCS B440 M2 Server</b>     |  |                       |                  |
| B440-BASE-M2                  | UCS B440 M2 Blade Server w/o CPU, memory, HDD, mezzanine | 13,594.00             | 9,515.80         |
| B440-BASE-M2D                 | UCS B440 M2 Blade Server w/o CPU, memory, HDD, mezzanine | 13,594.00             | 9,515.80         |
| B440-BASE-M2UPG               | UCS B440 M2 Blade Server w/o CPU, memory, HDD, mezzanine | 13,594.00             | 9,515.80         |
| B440-BASE-M2-CH               | DISTI Only: UCS B440 M2 Blade Server w/o CPU, HDD, mezz  | 13,594.00             | 9,515.80         |
| <b>UCS B440 M2 Processors</b> |  |                       |                  |
| UCS-CPU-E74870                | 2.4 GHz E7-4870 130W 10C CPU / 30M Cache                 | 10,500.00             | 7,350.00         |
| UCS-CPU-E74860                | 2.26 GHZ E7-4860 130W 10C CPU / 24M Cache                | 8,719.00              | 6,103.30         |
| UCS-CPU-E74850                | 2 GHz E7-4850 130W 10C CPU / 24M Cache                   | 6,506.00              | 4,554.20         |
| UCS-CPU-E74830                | 2.13 GHz E7-4830 105W 8C CPU / 24M Cache                 | 5,344.00              | 3,740.80         |
| UCS-CPU-E74807                | 1.86 GHz E7-4807 95W 6c CPU / 18m Cache                  | 2,529.00              | 1,770.30         |
| UCS-CPU-E78867L               | 2.13 GHz E7-8867L 105W 10C / 30M Cache                   | 9,375.00              | 6,562.50         |
| UCS-CPU-E74870=               | 2.4 GHz E7-4870 130W 10C CPU / 30M Cache/NoHeatSink      | 10,500.00             | 7,350.00         |
| UCS-CPU-E74860=               | 2.26 GHZ E7-4860 130W 10C CPU / 24M Cache/NoHeatSink     | 8,719.00              | 6,103.30         |
| UCS-CPU-E74850=               | 2 GHz E7-4850 130W 10C CPU / 24M Cache/NoHeatSink        | 6,506.00              | 4,554.20         |
| UCS-CPU-E74830=               | 2.13 GHz E7-4830 105W 8C CPU / 24M Cache/NoHeatSink      | 5,344.00              | 3,740.80         |
| UCS-CPU-E74807=               | 1.86 GHz E7-4807 95W 6c CPU / 18m Cache/NoHeatSink       | 2,529.00              | 1,770.30         |

**UCS B440 M2 Memory**

|                   |  |          |          |
|-------------------|--|----------|----------|
| A02-M308GB3-2     | 8GB DDR3-1333MHz RDIMM/PC3-10600/2x4GB 2R Kit/Low Volt       | 571.00   | 399.70   |
| A02-M316GB3-2     | 16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit/Low Volt      | 708.00   | 495.60   |
| A02-M308GD5-2     | 8GB DDR3-1333MHz RDIMM/PC3-10600/2x4GB 2R Kit                | 721.00   | 504.70   |
| A02-M316GD5-2     | 16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit               | 1,220.00 | 854.00   |
| A02-M332GB3-2-L   | 32GB DDR3-1066MHz RDIMM/PC3-8500/2x16GB 4R Kit/Low Volt      | 1,988.00 | 1,391.60 |
| UCS-MR-2X324RX-C= | 2X32GB DDR3-1333-MHz RDIMM/PC3-10600/quad rank/x4/1.35v [spa | 8,600.00 | 6,020.00 |
| UCS-MR-2X041RX-C  | 2X4GB DDR3-1333-MHz RDIMM/PC3-10600/single rank/x8/1.35v     | 450.00   | 315.00   |
| UCS-MR-2X082RX-C  | 2X8GB DDR3-1333-MHz RDIMM/PC3-10600/dual rank/x2/1.35v       | 708.00   | 495.60   |
| UCS-MR-2X164RX-D  | 2X16GB NHS DDR3-1333-MHz RDIMM/PC3-10600/quad rank/x4/1.35v  | 1,798.00 | 1,258.60 |
| UCS-MR-2X164RX-D= | 2X16GB NHS DDR3-1333-MHz RDIMM/PC3-10600/quad rank/x4/1.35v  | 1,798.00 | 1,258.60 |
| UCS-MR-2X324RX-C  | 2X32GB DDR3-1333-MHz RDIMM/PC3-10600/quad rank/x4/1.35v      | 8,600.00 | 6,020.00 |

**UCS B440 M2 Hard Disk Drive**

|                   |   |          |          |
|-------------------|---|----------|----------|
| N20-BBLKD=        | UCS 2.5 inch HDD blanking panel                           | 38.00    | 26.60    |
| A03-D073GC2       | 73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted  | 769.00   | 538.30   |
| A03-D146GC2       | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted | 749.00   | 524.30   |
| A03-D146GC2=      | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted | 749.00   | 524.30   |
| A03-D300GA2       | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 589.00   | 412.30   |
| A03-D300GA2=      | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 589.00   | 412.30   |
| A03-D600GA2       | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 1,189.00 | 832.30   |
| A03-D600GA2=      | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 1,189.00 | 832.30   |
| UCS-SSD100GI1F104 | 100GB SATA SSD hot plug/drive sled mounted                | 3,936.00 | 2,755.20 |

**UCS B440 M2 Solid State Drive**

|                    |  |          |          |
|--------------------|--|----------|----------|
| A03-D100SSD        | 100GB SATA SSD SFF HDD/hot plug/drive sled mounted | 3,936.00 | 2,755.20 |
| UCS-SSD100GI1F104  | 100GB SATA SSD hot plug/drive sled mounted         | 3,936.00 | 2,755.20 |
| UCS-SSD100GI1F104= | 100GB SATA SSD hot plug/drive sled mounted         | 3,936.00 | 2,755.20 |

**UCS B440 M2 Heat Sink and RAID Options**

|              |  |        |        |
|--------------|--|--------|--------|
| N20-BHTS3    | CPU heat sink for UCS B440 Blade Server  | 0.00   | 0.00   |
| N20-BRAID-K1 | RAID upgrade supporting RAID 5 and 6     | 207.00 | 144.90 |
| N20-LBBU     | Write cache battery back up for UCS B440 | 499.00 | 349.30 |
| N20-LBBU=    | Battery Back Up For Write Cache          | 499.00 | 349.30 |

**UCS B440 M2 Mezzanine Adapters**

|             |  |          |          |
|-------------|--|----------|----------|
| N20-AC0002  | UCS M81KR Virtual Interface Card/PCIe/2-port 10Gb            | 1,699.00 | 1,189.30 |
| N20-AC0002= | UCS M81KR Virtual Interface Card/PCIe/2-port 10Gb            | 1,699.00 | 1,189.30 |
| N20-AI0102  | Cisco UCS CNA M61KR-I Intel Converged Network Adapter        | 1,217.00 | 851.90   |
| N20-AI0102= | Cisco UCS CNA M61KR-I Intel Converged Network Adapter        | 1,217.00 | 851.90   |
| N20-AB0002  | Cisco UCS M51KR-B Broadcom 57711 Adapter                     | 1,179.00 | 825.30   |
| N20-AB0002= | Cisco UCS NIC M51KR-B Broadcom BCM57711 Network Adapter      | 1,179.00 | 825.30   |
| N20-AE0102  | Cisco UCS CNA M72KR-E Emulex Adapter                         | 1,498.00 | 1,048.60 |
| N20-AE0102= | Cisco UCS CNA M72KR-E Emulex Converged Network Adapter       | 1,498.00 | 1,048.60 |
| N20-AQ0102  | Cisco UCS CNA M72KR-Q QLogic Adapter                         | 1,404.00 | 982.80   |
| N20-AQ0102= | Cisco UCS CNA M72KR-Q QLogic Converged Network Adapter       | 1,404.00 | 982.80   |
| N20-AQ0002  | UCS M71KR-Q QLogic Converged Network Adapter/PCIe/2port 10Gb | 1,967.00 | 1,376.90 |

**UCS B440 M2 SMARTnet Maintenance**

|                  |  |        |        |
|------------------|--|--------|--------|
| CON-SNT-B440M2U  | SMARTNET 8X5XNBD UCS B440 M2 Blade Svr w/o CPU, mem, HDD | 304.00 | 304.00 |
| CON-SNTP-B440M2U | SMARTNET 24X7X4 UCS B440 M2 Blade Svr w/o CPU, mem, HDD  | 407.00 | 407.00 |



## Cisco UCS B22 M3 Blade Servers

The Cisco Unified Computing System™ (Cisco UCS™) combines Cisco UCS B-Series Blade Servers and C-Series Rack Servers with networking and storage access in a single converged system that simplifies management and delivers greater cost efficiency and agility with increased visibility and control. The latest server expansion of the Cisco UCS portfolio includes the new Cisco UCS B22 M3 Server. This new server increases compute density through more cores and cache balanced with more memory capacity and drives and faster I/O. Together these server improvements and complementary Cisco UCS system advancements deliver the best combination of features and cost efficiency to support IT's diverse needs. The Cisco UCS B22 M3 Blade Server delivers a feature set with a balanced price-to-performance ratio to help enable quick deployment of scalable IT infrastructure and Web 2.0 applications. The Cisco UCS B22 M3 harnesses the power of the latest Intel® Xeon® processor E5-2400 product family with expandability to 192 GB of RAM (using 16-GB DIMMs), two hot-pluggable drives, two PCI Express (PCIe) mezzanine slots, and up to eight 10 Gigabit throughput connections. In addition, Cisco delivers the architectural advantage of not having to power and cool excess switches in each Cisco UCS blade chassis. Having a larger power budget per blade server enables Cisco to design uncompromised expandability and versatility in its blade servers, as evidenced by the dense and price-to-performance-optimized Cisco UCS blade servers, with their leading memory slot and drive capacities. The Cisco UCS B22 M3 provides: Two, multi-core, Intel® Xeon® processor E5-2400 product family CPU sockets, for up to 16 processing cores; 12 DIMM slots for industry-standard double-data-rate 3 (DDR3) memory running up to 1600 MHz and up to 192 GB of total memory (using 16-GB DIMMs); Two optional, hot-pluggable SAS or SATA hard disk drives (HDDs) or solid-state drives (SSDs); Built-in Cisco Integrated Management Controller (CIMC) GUI or CLI interfaces enables one to monitor the server inventory, health, and system event logs. The Cisco UCS B22 M3 is a half-width blade. Up to eight of these high-density, two-socket blade servers can reside in the 6RU Cisco UCS 5108 Blade Server Chassis, offering one of the highest densities of servers per rack unit in the industry.

You can learn more about the Cisco UCS B22 M3 Blade Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-B22-M3>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>             | <u>Description</u>   | <u>USD List Price</u> | <u>EPL Price</u> |
|--------------------------------------|--|-----------------------|------------------|
| <b>UCS B22 M3 Server and Bundles</b> |  |                       |                  |
| UCSB-B22-M3-U                        | UCS B22 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz (UPG) | 2,454.00              | 1,717.80         |
| UCSB-B22-M3                          | UCS B22 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz       | 2,454.00              | 1,717.80         |
| UCSB-B22-M3=                         | UCS B22 M3 Blade Server w/o CPU, memory, HDD, mLOM/mezz    | 2,454.00              | 1,717.80         |
| UCSB-B22-M3-D                        | UCS B22 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz (1D)  | 2,454.00              | 1,717.80         |
| UCS-EZ-ENTS-B22                      | UCS B22 M3 Blade Server w/ 2420, 6x8GB, VIC 1240           | 7,500.00              | 5,250.00         |
| UCS-SP5-ES-B22                       | UCSB ES PRMO 2FI48,1xCH-2xB22w/2x2420,48GB,1xVIC           | 48,800.00             | 34,160.00        |
| UCS-SP5-ES-B22HD                     | UCSB ES PRMO 2FI48,1xCH-2xB200M3w/2x2420,48GB,2x300GB,1xVC | 50,800.00             | 35,560.00        |

**UCS B22 M3 Processor**

|                   |   |          |          |
|-------------------|---|----------|----------|
| UCS-CPU-E5-2470   | 2.30 GHz E5-2470/95W 8C/20MB Cache/DDR3 1600MHz             | 4,050.00 | 2,835.00 |
| UCS-CPU-E5-2450   | 2.10 GHz E5-2450/95W 8C/20MB Cache/DDR3 1600MHz             | 3,193.00 | 2,235.10 |
| UCS-CPU-E5-2450=  | 2.10 GHz E5-2450/95W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | 3,193.00 | 2,235.10 |
| UCS-CPU-E5-2470=  | 2.30 GHz E5-2470/95W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | 4,050.00 | 2,835.00 |
| UCS-CPU-E5-2420   | 1.90 GHz E5-2420/95W 6C/15MB Cache/DDR3 1333MHz             | 1,217.00 | 851.90   |
| UCS-CPU-E5-2440   | 2.40 GHz E5-2440/95W 6C/15MB Cache/DDR3 1333MHz             | 2,353.00 | 1,647.10 |
| UCS-CPU-E5-2440=  | 2.40 GHz E5-2440/95W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink  | 2,353.00 | 1,647.10 |
| UCS-CPU-E5-2403   | 1.80 GHz E5-2403/80W 4C/10MB Cache/DDR3 1066MHz             | 641.00   | 448.70   |
| UCS-CPU-E5-2403=  | 1.80 GHz E5-2403/80W 4C/10MB Cache/DDR3 1066MHz/NoHeatSink  | 641.00   | 448.70   |
| UCS-CPU-E5-2420=  | 1.90 GHz E5-2420/95W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink  | 1,217.00 | 851.90   |
| UCS-CPU-E5-2430L  | 2.00 GHz E5-2430L/60W 6C/15MB Cache/DDR3 1333MHz            | 1,832.00 | 1,282.40 |
| UCS-CPU-E5-2430L= | 2.00 GHz E5-2430L/60W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink | 1,832.00 | 1,282.40 |

**UCS B22 M3 Memory**

|                   |  |        |        |
|-------------------|--|--------|--------|
| UCS-MU-1X042RE-A= | 4GB DDR3-1600-MHz ECC UDIMM/PC3-12800/dual rank/x8/1.35v | 184.00 | 128.80 |
| UCS-MU-1X042RE-A  | 4GB DDR3-1600-MHz ECC UDIMM/PC3-12800/dual rank/x8/1.35v | 184.00 | 128.80 |

**UCS B22 M3 SMARTnet Maintenance**

|                |                                    |        |        |
|----------------|------------------------------------|--------|--------|
| CON-SNT-B22M3  | SMARTNET 8X5XNBD UCS B22 M3 Server | 155.00 | 155.00 |
| CON-SNTP-B22M3 | SMARTNET 24X7X4 UCS B22 M3 Server  | 207.00 | 207.00 |

MS IT Hardware EPL 3658 - Server Category  
Document Version: 20130311  
Replaced Document Version: 20120828  
Updated By: Alan Piklor  
Date: March, 11, 2013

## Cisco UCS solution packs

The Cisco® Unified Computing System™ (Cisco UCS™) combines Cisco UCS B-Series Blade Servers and C-Series Rack Servers with networking and storage access in a single converged system that simplifies management and delivers greater cost efficiency and agility with increased visibility and control. The latest server expansion of the Cisco UCS portfolio includes the new Cisco UCS B200 M3 Blade Server along with the new Cisco UCS C220 M3 Rack Server (one rack unit [1RU]) and Cisco UCS C240 M3 Rack Server (2RU). These three new servers increase compute density through more cores and cache balanced with more memory capacity and drives and with faster I/O. Together these server improvements and complementary Cisco UCS system advancements deliver the best combination of features and cost efficiency to support IT's diverse needs. The Cisco UCS B200 M3 Blade Server delivers performance, versatility, and density without compromise. It addresses the broadest set of workloads, from IT and web infrastructure, through distributed database. Building on the success of the Cisco UCS B200 M2 Blade Server, the enterprise-class Cisco UCS B200 M3 Blade Server further extends the capabilities of the Cisco UCS portfolio in a half-width blade form factor. The Cisco UCS B200 M3 harnesses the power of the latest Intel® Xeon® processor E5-2600 product family, with up to 384 GB of RAM (using 16-GB DIMMs), two disk drives, and up to dual 4x 10 Gigabit Ethernet throughput. In addition, Cisco UCS has the architectural advantage of not having to power and cool excess switches in each blade chassis. With a larger power budget per blade server, Cisco can design uncompromised expandability and capabilities in its blade servers, as evidenced by the new Cisco UCS B200 M3, with its leading memory slot and drive capacity.

The Cisco UCS B200 M3 provides: Two, multi-core, Intel® Xeon® processor E5-2600 product family CPUs, for up to 16 processing cores, 24 DIMM slots for industry-standard double-data-rate 3 (DDR3) memory running up to 1600 MHz and up to 384 GB of total memory (using 16-GB DIMMs); Two optional, hot-pluggable SAS or SATA hard disk drives (HDDs) or solid-state drives (SSDs); Remote management through a Cisco Integrated Management Controller (CIMC) that implements policy established in Cisco UCS Manager; Out-of-band access by remote keyboard, video, and mouse (KVM) device, Secure Shell (SSH) Protocol, and virtual media (vMedia) as well as the Intelligent Platform Management Interface (IPMI). In addition, the Cisco UCS B200 M3 is a half-width blade. Up to eight of these high-density, two-socket blade servers can reside in the 6RU Cisco UCS 5108 Blade Server Chassis, offering one of the highest densities of servers per rack unit in the industry. The Cisco UCS B200 M3 is suited for a broad range of IT workloads including virtualized workloads, IT and web infrastructure, virtual desktops, databases, middleware, enterprise resource planning (ERP) and customer relationship management (CRM) applications.

You can learn more about the Cisco UCS B200 M3 Blade Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-B200-M3>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>       | <u>Description</u>   | <u>USD List Price</u> | <u>EPL Price</u> |
|--------------------------------|--|-----------------------|------------------|
| <b>UCS B-series Promotions</b> |  |                       |                  |
| UCS-SP-INFRA-FI                | UCS 6248 FI w/ 12p LIC, Cables Bundle                        | \$10,305.00           | \$7,213.50       |
| UCS-SP-INFRA-CHSS              | UCS SP BASE 5108 Blade Svr AC Chassis                        | \$14,490.00           | \$10,143.00      |
| UCS-SP-A03-D300G               | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | \$589.00              | \$412.30         |
| UCS-SP-SSD100G                 | 100GB Low Height 7mm SATA SSD hot plug/drive sled mounted    | \$2,374.00            | \$1,661.80       |
| UCS-SP4-PERF-B2M3              | UCS SP4 BNDL w/B200M3,2xE5-2665,16x8GB DDR3,1xVIC            | \$17,500.00           | \$12,250.00      |
| UCS-SP4-ENTV-B2M3              | UCS SP4 BNDL w/B200M3,2xE5-2650,8x8GB DDR3,1xVIC             | \$13,450.00           | \$9,415.00       |
| UCS-SP4-ENTS-B2M3              | UCS SP4 BNDL w/B200M3,2xE5-2620,8x8GB DDR3,1xVIC             | \$9,450.00            | \$6,615.00       |
| UCS-SP-INFRA-FI96              | UCS 6296UP BUN 2RU Fabric Int /18p LIC                       | \$14,500.00           | \$10,150.00      |
| UCS-SP-PERF-B200               | UCS B200 M3 Blade Server w/ 2690, 16x16GB, Dual VIC          | \$26,750.00           | \$18,725.00      |
| UCS-SP-PERF-B200M3             | (Not a standalone SKU) B200M3 w/2xE5-2680,256GB,1240 VIC     | \$22,250.00           | \$15,575.00      |
| UCS-SP-ENTV-B200M3             | (Not a standalone SKU) B200M3 w/2xE5-2650,128GB,1240 VIC     | \$14,800.00           | \$10,360.00      |
| UCS-SP-ENTS-B200M3             | (Not a standalone SKU) B200M3 w/2xE5-2620,64GB,1240 VIC      | \$9,500.00            | \$6,650.00       |
| UCS-SP-ENTS-B22M3              | (Not a standalone SKU) B22M3 w/2xE5-2420,48GB,VIC1240        | \$6,850.00            | \$4,795.00       |
| UCS-SP-ENVP-B200M3             | (Not a standalone SKU) B200M3 w/2xE5-2665,128GB,1240 VIC     | \$17,500.00           | \$12,250.00      |
| UCS-SP6-ES-B200                | UCS SP B200 ENTRY BDL 2x6248,1xCH,2xB200w/2xE52620,64GB      | \$54,100.00           | \$37,870.00      |
| UCS-SP6-PR-B200                | UCS SP B200 PERF BDL 2x6296,1xCH,4xB200w/2xE52680,256GB      | \$132,490.00          | \$92,743.00      |
| UCS-SP6-EV-B200                | UCS SP B200 VALUE BDL 2x6248,1xCH,4xB200w/2xE52650,128GB     | \$94,300.00           | \$66,010.00      |
| UCS-SP6-ES-B22                 | UCS SP B22 ENTRY BDL 2x6248,1xCH,2xB22w/2xE52420,48GB        | \$48,800.00           | \$34,160.00      |
| UCS-SP6-EV-P-B200              | UCS SP B200 VALUEPLUS BDL 2x6248,1xCH,4xB200w/2xE52665,128GB | \$105,100.00          | \$73,570.00      |

| <b>UCS C-series Promotions</b> |   |              |             |
|--------------------------------|---|--------------|-------------|
| UCS-SP-300GB-HDD               | 300GB 6Gb SAS 10K RPM SFF HDD                             | \$500.00     | \$350.00    |
| UCS-SP5-C240P                  | UCS C240 M3 SFF w/ 2680, 8x8GB, P81E VIC, 2PS             | \$17,000.00  | \$11,900.00 |
| UCS-SP5-C240V                  | UCS C240 M3 SFF w/ 2665, 8x8GB, P81E VIC, 2PS             | \$15,350.00  | \$10,745.00 |
| UCS-SP5-C220V                  | UCS C220 M3 SFF w/ 2650, 8x8GB, P81E VIC, 2PS             | \$12,750.00  | \$8,925.00  |
| UCS-SP-600GB-HDD               | 600GB 6Gb SAS 10K RPM SFF HDD                             | \$775.00     | \$542.50    |
| UCS-SP5-C220E                  | UCS C220 M3 SFF w/ 2650, 8x8GB, 5709 1Gb, 2PS             | \$11,500.00  | \$8,050.00  |
| UCS-SP5-C22V                   | UCS SP C22 M3 SFF,2xE5-2440,4x8GB,1x650W,2x300GB          | \$9,350.00   | \$6,545.00  |
| UCS-SP5-ENSC-B200              | UCS B200 M3 Blade Server w/ 2650, 8x16GB, Dual VIC        | \$15,850.00  | \$11,095.00 |
| UCS-SP5-C24P                   | UCS SP C24 M3 SFF, 2xE5-2470, 8x8GB,2x650W,2x300GB 10K    | \$14,250.00  | \$9,975.00  |
| UCS-SP5-C24V                   | UCS SP C24 M3 SFF, 2xE5-2450,4x8GB,2x450W,2x300GB 10K     | \$11,550.00  | \$8,085.00  |
| UCS-SP5-C22E                   | UCS SP C22 M3 SFF, 2xE5-2420,4x8GB,1x450W,2x300GB 10K     | \$6,850.00   | \$4,795.00  |
| N2K-UCS2232PF                  | Nexus 2232PP with 16 FET (2 AC PS, 1 FAN (Std Airflow)    | \$6,925.00   | \$4,847.50  |
| N3K-UCS3048-F                  | Nexus 3048 for UCS Smart Play                             | \$7,700.00   | \$5,390.00  |
| N5K-UCS5548UP-FA               | Nexus 5548 UP Chassis, 32 10GbE Ports, 2 PS, 2 Fans       | \$19,000.00  | \$13,300.00 |
| UCS-SP5-PR-C220                | UCSC PR PRMO 2xN5548,2xN2232,4xC220w/2x2650,64GB,1xP81E   | \$102,850.00 | \$71,995.00 |
| UCS-SP5-EV-C240                | UCSC EV PRMO 2FI48,2xN2232,4xC240w/2x2665,64GB,1xP81E     | \$95,860.00  | \$67,102.00 |
| UCS-SP5-EV-C220                | UCSC EV PRMO 2FI48,2xN2232,4xC220w/2x2650,64GB,1xP81E     | \$85,460.00  | \$59,822.00 |
| UCS-SP5-ES-C220                | UCSC ES PRMO 2xN3048,2xC220w/2x2650,64GB,2x600GB,1x5709   | \$41,500.00  | \$29,050.00 |
| UCS-SP5-PR-C240                | UCSC PR PRMO 2xN5548,2xN2232,4xC240w/2x2665,64GB,1xP81E   | \$113,250.00 | \$79,275.00 |
| UCS-SP5-MGD-C240V              | UCS Managed C240 M3 SFF w/ 2665, 8x8GB, 1225 VIC, 2PS     | \$14,500.00  | \$10,150.00 |
| UCS-SP5-MGD-C220V              | UCS Managed C220 M3 SFF w/ 2650, 8x8GB, 1225 VIC, 2PS     | \$12,200.00  | \$8,540.00  |
| UCS-SP5-MGD-C240P              | UCS Managed C240 M3 SFF w/ 2680, 8xGB, 1225 VIC, 2PS      | \$16,200.00  | \$11,340.00 |
| UCS-SP6-C220E                  | UCS SP C220 ENTRY w/2xE5-2609,32GB,5709 NIC,SAS 2008M     | \$6,150.00   | \$4,305.00  |
| UCS-SP6-C240V                  | UCS SP C240 VALUE w/2xE5-2640,32GB,1225 VIC,9266CV        | \$11,350.00  | \$7,945.00  |
| UCS-SP6-C220P                  | UCS SP C220 PERF w/2xE5-2665,64GB,1225 VIC,9266CV         | \$14,150.00  | \$9,905.00  |
| UCS-SP6-C220V                  | UCS SP C220 VALUE w/2xE5-2643,32GB,1225 VIC,9266CV        | \$10,350.00  | \$7,245.00  |
| UCS-SP6-C240P                  | UCS SP C240 PERF w/2xE5-2680,64GB,1225 VIC,9266CV         | \$16,850.00  | \$11,795.00 |
| UCS-SP6-C240E                  | UCS SP C240 ENTRY w/2xE5-2620,32GB,1225 VIC,9266CV        | \$8,650.00   | \$6,055.00  |
| UCS-SP6-C24V                   | UCS SP C24 VALUE w/2xE5-2450,32GB,1225 VIC,9265CV         | \$11,500.00  | \$8,050.00  |
| UCS-SP6-C24E                   | UCS SP C24 ENTRY w/2xE5-2420,32GB,5709 NIC,9265CV         | \$7,600.00   | \$5,320.00  |
| UCS-SP6-C22V                   | UCS SP C22 VALUE w/2xE5-2440,32GB,1225 VIC,9265CV         | \$9,250.00   | \$6,475.00  |
| UCS-SP6-C22E                   | UCS SP C22 ENTRY w/1xE5-2420,32GB,5709 NIC,SW RAID        | \$4,500.00   | \$3,150.00  |
| UCS-SP6-SC-C240                | UCS SP C240 SCALE BDL 2x6248,2x2232,4xC240w/2xE52640,32GB | \$124,060.00 | \$86,842.00 |
| UCS-SP6-SC-C220                | UCS SP C220 SCALE BDL 2x6248,2x2232,4xC220w/2xE52643,32GB | \$120,060.00 | \$84,042.00 |
| UCS-SP6-EV-C240                | UCS SP C240 VALUE BDL 2x6248,2x2232,4xC240w/2xE52640,32GB | \$86,060.00  | \$60,242.00 |
| UCS-SP6-EV-C220                | UCS SP C220 VALUE BDL 2x6248,2x2232,4xC220w/2xE52643,32GB | \$82,060.00  | \$57,442.00 |

## EZ solution packs

|                    |   |              |              |
|--------------------|---|--------------|--------------|
| UCS-EZ-B230-E7192  | UCS EZ B230 Pack w/E7-2870,24x8GB,VIC(Non-Memory Optimized) | \$28,691.00  | \$20,083.70  |
| UCS-EZ-B230-E7256  | UCS EZ B230 Pack w/E7-2870,32x8GB DIMMs,1 VNIC              | \$29,875.00  | \$20,912.50  |
| UCS-B230M2-VCDL1   | UCS B230 M2 Blade Server w/ 2-E72870, 12-8GB DDR, 1-VIC, no | \$35,711.00  | \$24,997.70  |
| UCS-EZ-B230-E7128  | UCS EZ B230 Pack w/E7-2860,16x8GB DIMMs,1 VIC               | \$23,974.00  | \$16,781.80  |
| UCSB-B200M2-CIAC   | UCS B200 M2 blade server w/ E5640 CPU,192GB memory          | \$14,750.00  | \$10,325.00  |
| UCS-EZ-VXI-ICA1    | UCS EZ VXI ICA BDL 2FI96,1xCH-2xB230w/2x2870,256GB,1xVIC    | \$279,029.00 | \$195,320.30 |
| UCS-EZ-VXI-PCOIP1  | UCS EZ VXI PCoIP BDL 2FI96,1xCH-2xB230w/2x2870,256GB,1xVIC  | \$279,029.00 | \$195,320.30 |
| UCS-EZ-VDI-SK1     | UCS EZ VDI STRT BDL 2FI96,1xCH-2xB200M3w/2x2665,128GB,1xVIC | \$112,500.00 | \$78,750.00  |
| UCS-EZ-C260-E7128  | UCS EZ C260 Pack w/E7-2860,16x8GB DIMMs,1 VNIC              | \$28,232.00  | \$19,762.40  |
| UCS-EZ-C260-E7256  | UCS EZ C260 Pack w/E7-2870,32x8GB DIMMs,1 VNIC              | \$35,998.00  | \$25,198.60  |
| UCS-EZ-PERF-B200   | UCS B200 M3 Blade Server w/ 2690, 16x16GB, Dual VIC         | \$29,500.00  | \$20,650.00  |
| UCS-EZ-ENTV-B200   | UCS B200 M3 Blade Expansion w/ 2650, 8x8GB, Dual VIC        | \$14,250.00  | \$9,975.00   |
| UCS-EZ-300GB-HDD   | 300GB 6Gb SAS 10K RPM SFF HDD (Only For SmartPlay)          | \$525.00     | \$367.50     |
| UCS-EZ-ENTS-B22    | UCS B22 M3 Blade Server w/ 2420, 6x8GB, VIC 1240            | \$7,500.00   | \$5,250.00   |
| UCS-EZ-PERF-B2M3   | UCS EZ B200M3 Pack w/2xE5-2665,16x8GB DDR3,1xVIC            | \$17,500.00  | \$12,250.00  |
| UCS-EZ-B230-EX512  | UCS EZ B230 Pack w/2xE7-2870,32x16GB DIMMs,1x1280           | \$40,000.00  | \$28,000.00  |
| UCS-EZ-B230-EX256  | UCS EZ B230 Pack w/E7-2870,32x8GB DIMMs,1x1280              | \$29,875.00  | \$20,912.50  |
| UCS-EZ-B230-EX128  | UCS EZ B230 Pack w/E7-2860,16x8GB DIMMs,1x1280              | \$23,974.00  | \$16,781.80  |
| UCS-EZ-INFRA-CHSS  | UCS EZ BUN 5108 Blade Svr AC Chassis, 4PS, 2 IOM            | \$17,500.00  | \$12,250.00  |
| UCS-EZ-INFRA-FI96  | UCS 6296 FI w/ 18p LIC, Cables Bundle                       | \$30,000.00  | \$21,000.00  |
| UCS-EZ-600GB-HDD   | 600GB 6Gb SAS 10K RPM SFF HDD                               | \$1,000.00   | \$700.00     |
| UCS-EZ-1TB-HDD     | 1TB 6Gb SATA 7.2K RPM SFF HDD                               | \$825.00     | \$577.50     |
| UCS-EZ-3TB-HDD     | 3TB SAS 7.2K RPM 3.5 inch HDD                               | \$1,500.00   | \$1,050.00   |
| UCS-EZ-ENSC-B200   | UCS B200 M3 Blade Server w/ 2650, 8x16GB, Dual VIC          | \$17,650.00  | \$12,355.00  |
| UCS-EZ-ENVP-B200M3 | UCS SP B200 VALUEPLUS EXP PAK w/ 2xE52665,128GB             | \$15,600.00  | \$10,920.00  |
| UCS-EZ-ENSP-B200M3 | UCS SP B200 ENTRYPLUS EXP PAK w/ 2xE52640,64GB              | \$10,650.00  | \$7,455.00   |
| UCSB-FPOD-B200S    | UCS SP FLEXPOD SMALL SOLUTION PAK 2xFI,2N5K,1xCH,4xB200     | \$199,700.00 | \$139,790.00 |
| UCS-EZ-VDI-B200PK  | UCS SP B200 ENT VDI EXPN PAK w/2xE5-2680,256GB              | \$18,250.00  | \$12,775.00  |
| UCS-EZ-INFRA-FI48  | UCS 6248 FI w/ 12p LIC, Cables Bundle                       | \$26,000.00  | \$18,200.00  |
| UCS-EZ-PR-FIO-B200 | UCS SP B200 PERF Fusion IO EXP PAK w/ 2xE52680,256GB        | \$50,000.00  | \$35,000.00  |
| UCS-EZ-ENTV-B200M3 | UCS SP B200 VALUE EXP PAK w/ 2xE52650,128GB                 | \$14,850.00  | \$10,395.00  |
| UCS-EZ-PERF-B200M3 | UCS SP B200 PERF EXP PAK w/ 2xE52680,256GB                  | \$22,000.00  | \$15,400.00  |
| UCS-EZ-ENTS-B200M3 | UCS SP B200 ENTRY EXP PAK w/ 2xE52620,64GB                  | \$8,400.00   | \$5,880.00   |
| TR-UC-B200SYS-TRC  | Tracer SKU - UC B200 System TRC                             | \$1.00       | \$0.70       |
| TR-NTAP-FPOD-S     | Tracer SKU - NetApp FlexPod Small                           | \$1.00       | \$0.70       |
| TR-NTAP-EPOD-S     | Tracer SKU - NetApp ExpressPod Small                        | \$1.00       | \$0.70       |
| TR-EZ-PERF-B200M3  | Tracer SKU - B200 Perf Expn Pak                             | \$1.00       | \$0.70       |
| TR-EZ-ENTS-B22M3   | Tracer SKU - B22 Entry Expn Pak                             | \$1.00       | \$0.70       |
| TR-SP6-ES-B200     | Tracer SKU - B200 Entry                                     | \$1.00       | \$0.70       |
| TR-SP6-PR-B200     | Tracer SKU - B200 performance                               | \$1.00       | \$0.70       |
| TR-EZ-ENVP-B200M3  | Tracer SKU - B200 Value Plus Expn Pak                       | \$1.00       | \$0.70       |
| TR-UC-B200-TRC     | Tracer SKU - UC B200 TRC                                    | \$1.00       | \$0.70       |
| TR-SAP-HANA-MED    | Tracer SKU - SAP HANA Medium                                | \$1.00       | \$0.70       |
| TR-SP6-EV-P-B200   | Tracer SKU - B200 Value plus                                | \$1.00       | \$0.70       |
| TR-EZ-ENSP-B200M3  | Tracer SKU - B200 Entry Plus Expn Pak                       | \$1.00       | \$0.70       |
| TR-SAP-HANA-SMALL  | Tracer SKU - SAP HANA Small                                 | \$1.00       | \$0.70       |
| TR-UC-C240-TRC     | Tracer SKU - UC C240 TRC                                    | \$1.00       | \$0.70       |
| TR-SP6-EV-B200     | Tracer SKU - B200 value                                     | \$1.00       | \$0.70       |
| TR-EZ-ENTS-B200M3  | Tracer SKU - B200 Entry Expn Pak                            | \$1.00       | \$0.70       |
| TR-UC-C220-TRC     | Tracer SKU - UC C220 TRC                                    | \$1.00       | \$0.70       |
| TR-SP6-ES-P-B200   | Tracer SKU - B200 Entry Plus                                | \$1.00       | \$0.70       |
| TR-SAP-HANA-XS     | Tracer SKU - SAP HANA Xtra Small                            | \$1.00       | \$0.70       |
| TR-VSPEX-V125      | Tracer SKU - Vmware VSPEX V125                              | \$1.00       | \$0.70       |
| TR-SP6-C220E       | Tracer SKU - C220 Entry Pak                                 | \$1.00       | \$0.70       |
| TR-SP6-SC-C240     | Tracer SKU - C240 Scale Bundle                              | \$1.00       | \$0.70       |
| TR-VSPEX-V100      | Tracer SKU - Vmware VSPEX V100                              | \$1.00       | \$0.70       |
| TR-SP6-SC-C220     | Tracer SKU - C220 Scale Bundle                              | \$1.00       | \$0.70       |
| TR-SP6-EV-C240     | Tracer SKU - C240 Value Bundle                              | \$1.00       | \$0.70       |
| TR-EZ-PR-FIO-B200  | Tracer SKU - B200 Perf Expn Pak, Fusion IO                  | \$1.00       | \$0.70       |

|                    |  |              |              |
|--------------------|--|--------------|--------------|
| TR-SP6-EV-C220     | Tracer SKU - C220 Value Bundle                               | \$1.00       | \$0.70       |
| TR-SP6-C240P       | Tracer SKU - C240 Performance Pak                            | \$1.00       | \$0.70       |
| TR-SP6-C240V       | Tracer SKU - C240 Value Pak                                  | \$1.00       | \$0.70       |
| TR-SP6-C240E       | Tracer SKU - C240 Entry Pak                                  | \$1.00       | \$0.70       |
| TR-SP6-C220V       | Tracer SKU - C220 Value Pak                                  | \$1.00       | \$0.70       |
| TR-NTAP-FPOD-M     | Tracer SKU - NetApp FlexPod Medium                           | \$1.00       | \$0.70       |
| TR-NTAP-EPOD-M     | Tracer SKU - NetApp ExpressPod Medium                        | \$1.00       | \$0.70       |
| TR-SAP-HANA-XL2    | Tracer SKU - SAP HANA Extra Large NetApp                     | \$1.00       | \$0.70       |
| TR-SAP-HANA-XL1    | Tracer SKU - SAP HANA Extra Large EMC                        | \$1.00       | \$0.70       |
| TR-SP6-ES-B22      | Tracer SKU - B22 Entry                                       | \$1.00       | \$0.70       |
| TR-EZ-ENTV-B200M3  | Tracer SKU - B200 Value Expn Pak                             | \$1.00       | \$0.70       |
| TR-VSPEX-V50       | Tracer SKU - Vmware VSPEX V50                                | \$1.00       | \$0.70       |
| TR-SP6-C220P       | Tracer SKU - C220 Performance Pak                            | \$1.00       | \$0.70       |
| UCS-EZ-16GB-MEM    | (Not a standalone SKU) 16GB DDR3-1600-MHz                    | \$590.00     | \$413.00     |
| UCS-EZ-8GB-MEM     | (Not a standalone SKU) 8GB DDR3-1600-MHz                     | \$300.00     | \$210.00     |
| UCS-EZ-M8GB-4PK    | UCS SP 8GB MEMORY 4-PK                                       | \$1,200.00   | \$840.00     |
| UCS-EZ-CHSS-EXP-PK | UCS SP CHASSIS EXPN PAK INCL 2x2208 w/ 4xSERVER EXPN PAK     | \$17,500.00  | \$12,250.00  |
| UCS-EZ-VDI-B200KT  | UCS SP B200 500-700 USR VDI SOLUTION PAK 2xFI,1xCH,6xB200    | \$203,000.00 | \$142,100.00 |
| UCS-EZ-ENTS-B22M3  | UCS SP B22 ENTRY EXP PAK w/ 2xE52420,48GB                    | \$6,900.00   | \$4,830.00   |
| UCS-EZ-M16GB-4PK   | UCS SP 16GB MEMORY 4-PK                                      | \$2,360.00   | \$1,652.00   |
| UCS-EZ-600GB-2PK   | 600GB HDD 2 PK   | \$2,000.00   | \$1,400.00   |
| UCS-EZ-300GB-2PK   | 300GB HDD 2 PK   | \$1,050.00   | \$735.00     |
| UCS-C260M2-VCD2    | UCS C260 M2 Rack Server w/ 2-E72870, 16x 2x4GB DDR           | \$50,953.00  | \$35,667.10  |
| UCSC-C460M2-HANA   | UCS C460 M2 Rack Server for HANA                             | \$93,019.30  | \$65,113.51  |
| UCSC-C260M2-HANA   | UCS C260 M2 Rack Server w/ CPU, PSU for HANA                 | \$94,323.90  | \$66,026.73  |
| UCS-EZ-C240-2665   | UCS C240 M3 SFF w/ 2665, 16x16GB, P81E VIC, 2PS              | \$45,300.00  | \$31,710.00  |
| UCS-EZ-C240-2640   | UCS C240 M3 LFF w/ 2640, 8x16GB, P81E VIC, 2PS               | \$35,500.00  | \$24,850.00  |
| UCS-EZ-C220-2650   | UCS C220 M3 SFF w/ 2650, 8x8GB, P81E VIC, 2PS                | \$15,750.00  | \$11,025.00  |
| UCS-EZ-VDI-C260P   | UCS EZ VDI PERF C260w/2xE7-2870,256GB,8x300GB HDD,P81E       | \$40,479.00  | \$28,335.30  |
| UCS-EZ-VDI-C260B   | UCS EZ VDI BALANCED C260M2w/2xE7-2860,128GB,8x300GB HDD,P81  | \$32,713.00  | \$22,899.10  |
| UCUCS-EZ-C220M3S   | UCS C220 M3 SFF dual-4-core/3.3 GHz, 64 GB RAM, 8x300 GB 15K | \$21,597.00  | \$15,117.90  |
| UCUCS-EZ-C240M3S   | UCS C240 M3 SFF, dual-8-core/2.7 GHz, 96 GB RAM, 16x300GB 15 | \$38,424.00  | \$26,896.80  |
| UCS-EZ-C240-2690   | UCS C240 M3 SFF w/ 2690, 8x8GB, P81E VIC, 2PS                | \$54,000.00  | \$37,800.00  |
| UCS-EZ-CONV-C220V  | (Not a standalone SKU) C220 w/2xE5-2650,64GB,1225 VIC,9266CV | \$16,500.00  | \$11,550.00  |
| UCS-EZ-C220P       | (Not a standalone SKU) C220 w/2xE5-2665,128GB,1225 VIC       | \$15,750.00  | \$11,025.00  |
| UCS-EZ-CONV-C220E  | (Not a standalone SKU) C220 w/2xE5-2650,64GB,5709 NIC,2008M  | \$14,000.00  | \$9,800.00   |
| UCS-EZ-C220-2680   | (Not a standalone SKU) C220 w/2xE5-2680,128GB,1225 VIC       | \$18,500.00  | \$12,950.00  |
| UCSC-FPOD-C220V    | UCS EZ FLEXPOD BDL /w2x5548,2x6248,2x2232,4xC220             | \$169,850.00 | \$118,895.00 |
| UCSC-EPOD-C220E-S  | UCS EZ EXPRESS POD BDL /w2x3048,2xC220,4x600GB               | \$43,400.00  | \$30,380.00  |
| UCSC-EPOD-C220E-M  | UCS EZ EXPRESS POD BDL /w2x3048,4xC220,8x600GB               | \$71,400.00  | \$49,980.00  |
| UCS-EZ-VDI-C220KT  | UCS SP C200 500-700 USR VDI SOLUTION PAK 2xFI,2xN2K,6xC220   | \$171,350.00 | \$119,945.00 |
| UCSC-VSPEX-M50     | UCS EZ VSPEX M50 /w2x3048,3xC220,6x600GB                     | \$57,400.00  | \$40,180.00  |
| UCSC-VSPEX-V50     | UCS EZ VSPEX V50 /w2x3048,3xC220,6x600GB                     | \$57,400.00  | \$40,180.00  |
| UCSC-VSPEX-M100    | UCS EZ VSPEX M100 /w2x5548,4xC220,8x600GB                    | \$104,000.00 | \$72,800.00  |
| UCSC-VSPEX-V100    | UCS EZ VSPEX V100 /w2x5548,4xC220,8x600GB                    | \$104,000.00 | \$72,800.00  |
| UCSC-VSPEX-V125    | UCS EZ VSPEX M100 /w2x5548,5xC220,10x600GB                   | \$134,350.00 | \$94,045.00  |

## Cisco UCS B200 M3 Blade Servers

The Cisco® Unified Computing System™ (Cisco UCS™) combines Cisco UCS B-Series Blade Servers and C-Series Rack Servers with networking and storage access in a single converged system that simplifies management and delivers greater cost efficiency and agility with increased visibility and control. The latest server expansion of the Cisco UCS portfolio includes the new Cisco UCS B200 M3 Blade Server along with the new Cisco UCS C220 M3 Rack Server (one rack unit [1RU]) and Cisco UCS C240 M3 Rack Server (2RU). These three new servers increase compute density through more cores and cache balanced with more memory capacity and drives and with faster I/O. Together these server improvements and complementary Cisco UCS system advancements deliver the best combination of features and cost efficiency to support IT's diverse needs. The Cisco UCS B200 M3 Blade Server delivers performance, versatility, and density without compromise. It addresses the broadest set of workloads, from IT and web infrastructure, through distributed database. Building on the success of the Cisco UCS B200 M2 Blade Server, the enterprise-class Cisco UCS B200 M3 Blade Server further extends the capabilities of the Cisco UCS portfolio in a half-width blade form factor. The Cisco UCS B200 M3 harnesses the power of the latest Intel® Xeon® processor E5-2600 product family, with up to 384 GB of RAM (using 16-GB DIMMs), two disk drives, and up to dual 4x 10 Gigabit Ethernet throughput. In addition, Cisco UCS has the architectural advantage of not having to power and cool excess switches in each blade chassis. With a larger power budget per blade server, Cisco can design uncompromised expandability and capabilities in its blade servers, as evidenced by the new Cisco UCS B200 M3, with its leading memory slot and drive capacity.

The Cisco UCS B200 M3 provides: Two, multi-core, Intel® Xeon® processor E5-2600 product family CPUs, for up to 16 processing cores, 24 DIMM slots for industry-standard double-data-rate 3 (DDR3) memory running up to 1600 MHz and up to 384 GB of total memory (using 16-GB DIMMs); Two optional, hot-pluggable SAS or SATA hard disk drives (HDDs) or solid-state drives (SSDs); Remote management through a Cisco Integrated Management Controller (CIMC) that implements policy established in Cisco UCS Manager; Out-of-band access by remote keyboard, video, and mouse (KVM) device, Secure Shell (SSH) Protocol, and virtual media (vMedia) as well as the Intelligent Platform Management Interface (IPMI). In addition, the Cisco UCS B200 M3 is a half-width blade. Up to eight of these high-density, two-socket blade servers can reside in the 6RU Cisco UCS 5108 Blade Server Chassis, offering one of the highest densities of servers per rack unit in the industry. The Cisco UCS B200 M3 is suited for a broad range of IT workloads including virtualized workloads, IT and web infrastructure, virtual desktops, databases, middleware, enterprise resource planning (ERP) and customer relationship management (CRM) applications.

You can learn more about the Cisco UCS B200 M3 Blade Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-B200-M3>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>               | <u>Description</u>   | <u>USD List Price</u> | <u>EPL Price</u> |
|--|--|-----------------------|------------------|
| <b>UCS B200 M3 Servers and Bundles</b> |  |                       |                  |
| UCSB-B200-M3                           | UCS B200 M3 Blade Server w/o CPU, memory, HDD, mLOM/mezz     | \$3,154.00            | \$2,207.80       |
| UCSB-B200-M3=                          | UCS B200 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz        | \$3,154.00            | \$2,207.80       |
| UCSB-B200-M3-D                         | UCS B200 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz (1D)   | \$3,154.00            | \$2,207.80       |
| UCSB-B200-M3-U                         | UCS B200 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz (UPG)  | \$3,154.00            | \$2,207.80       |
| UCSB-B200-M3-CH                        | DISTI: UCS B200 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz | \$3,154.00            | \$2,207.80       |
| UCSB-DBUN-B200-301                     | DISTI Only: UCS B200 M3 Blade, 2xE5-2680, 2x8GB              | \$13,586.00           | \$9,510.20       |
| UCSB-DBUN-B200-302                     | DISTI Only: UCS B200 M3 Blade, 2xE5-2665, 2x8GB              | \$11,878.00           | \$8,314.60       |
| UCSB-DBUN-B200-303                     | DISTI Only: UCS B200 M3 Blade, 2xE5-2650, 2x8GB              | \$10,452.00           | \$7,316.40       |
| UCSB-DBUN-B200-304                     | DISTI Only: UCS B200 M3 Blade, 2xE5-2640, 2x8GB              | \$9,110.00            | \$6,377.00       |
| UCSB-DBUN-B200-305                     | DISTI Only: UCS B200 M3 Blade, 2xE5-2620, 2x8GB              | \$6,460.00            | \$4,522.00       |
| UCUCS-EZ-B200M3                        | UCS B200 M3, dual-8-core/2.7 GHz, 96GB RAM                   | \$17,816.00           | \$12,471.20      |
| UCS-SP5-EV-B200HD                      | UCSB EV PRMO 2FI48,1xCH-4xB200M3w/2x2650,64GB,2x300GB,2xVC   | 91,100.00             | 63,770.00        |
| UCS-EZ-ENTV-B200                       | UCS B200 M3 Blade Expansion w/ 2650, 8x8GB, Dual VIC         | 14,250.00             | 9,975.00         |

|                   |   |            |            |
|-------------------|---|------------|------------|
| UCS-SP5-SC-B200   | UCSB SC PRMO 2FI96,2xCH-4xB200M3w/2x2650,128GB,2xVIC        | 121,380.00 | 84,966.00  |
| UCS-SP5-SC-B200HD | UCSB SC PRMO 2FI96,2xCH-4xB200M3w/2x2650,128GB,2x300GB,2xVC | 125,380.00 | 87,766.00  |
| UCS-EZ-ENSC-B200  | UCS B200 M3 Blade Server w/ 2650, 8x16GB, Dual VIC          | 17,650.00  | 12,355.00  |
| UCS-SP5-PR-B200   | UCSB PR PRMO 2FI96,1xCH-4xB200M3w/2x2690,256GB,2xVIC        | 150,490.00 | 105,343.00 |
| UCS-SP5-PR-B200HD | UCSB PR PRMO 2FI96,1xCH-4xB200M3w/2x2690,256GB,2x300GB,2xVC | 154,490.00 | 108,143.00 |
| UCS-EZ-PERF-B200  | UCS B200 M3 Blade Server w/ 2690, 16x16GB, Dual VIC         | 29,500.00  | 20,650.00  |

### UCS B200 M3 Processor

|                    |  |            |            |
|--------------------|--|------------|------------|
| UCS-CPU-E5-2630C=  | DISTIonly: 2.30 GHz E5-2630/95W 6C/15MB Cache/DDR3 1333MHz   | \$1,724.62 | \$1,207.23 |
| UCS-CPU-E5-2640C=  | DISTIonly: 2.50 GHz E5-2640/95W 6C/15MB Cache/DDR3 1333MHz   | \$2,549.53 | \$1,784.67 |
| UCS-CPU-E5-2650C=  | DISTIonly: 2.00 GHz E5-2650/95W 8C/20MB Cache/DDR3 1600MHz   | \$3,220.87 | \$2,254.61 |
| UCS-CPU-E5-2665C=  | DISTIonly: 2.40 GHz E5-2665/115W 8C/20MB Cache/DDR3 1600MHz  | \$3,933.56 | \$2,753.49 |
| UCS-CPU-E5-2680C=  | DISTIonly: 2.70 GHz E5-2680 130W 8C/20MB Cache/DDR3 1600MHz  | \$4,787.99 | \$3,351.59 |
| UCS-CPU-E5-2620C=  | DISTIonly: 2.00 GHz E5-2620/95W 6C/15MB Cache/DDR3 1333MHz   | \$1,224.56 | \$857.19   |
| UCS-CPU-E5-2630LC= | DISTIonly: 2.00 GHz E5-2630L/60W 6C/15MB Cache/DDR3 1333MHz  | \$1,868.34 | \$1,307.84 |
| UCS-CPU-E5-2643C=  | DISTIonly: 3.30 GHz E5-2643/130W 4C/10MB Cache/DDR3 1600MHz  | \$2,549.53 | \$1,784.67 |
| UCS-CPU-E5-2650LC= | DISTIonly: 1.8GHz E5-2650L/70W 8C/20MB Cache/DDR3 1600MHz    | \$3,220.87 | \$2,254.61 |
| UCS-CPU-E5-2680    | 2.70 GHz E5-2680 130W 8C/20MB Cache/DDR3 1600MHz             | \$4,787.99 | \$3,351.59 |
| UCS-CPU-E5-2643    | 3.30 GHz E5-2643/130W 4C/10MB Cache/DDR3 1600MHz             | \$2,549.53 | \$1,784.67 |
| UCS-CPU-E5-2620    | 2.00 GHz E5-2620/95W 6C/15MB Cache/DDR3 1333MHz              | \$1,224.56 | \$857.19   |
| UCS-CPU-E5-2620=   | 2.00 GHz E5-2620/95W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink   | \$1,224.56 | \$857.19   |
| UCS-CPU-E5-2643=   | 3.30 GHz E5-2643/130W 4C/10MB Cache/DDR3 1600MHz/NoHeatSink  | \$2,549.53 | \$1,784.67 |
| UCS-CPU-E5-2640    | 2.50 GHz E5-2640/95W 6C/15MB Cache/DDR3 1333MHz              | \$2,549.53 | \$1,784.67 |
| UCS-CPU-E5-2640=   | 2.50 GHz E5-2640/95W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink   | \$2,549.53 | \$1,784.67 |
| UCS-CPU-E5-2650    | 2.00 GHz E5-2650/95W 8C/20MB Cache/DDR3 1600MHz              | \$3,220.87 | \$2,254.61 |
| UCS-CPU-E5-2650=   | 2.00 GHz E5-2650/95W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink   | \$3,220.87 | \$2,254.61 |
| UCS-CPU-E5-2665    | 2.40 GHz E5-2665/115W 8C/20MB Cache/DDR3 1600MHz             | \$3,933.56 | \$2,753.49 |
| UCS-CPU-E5-2665=   | 2.40 GHz E5-2665/115W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | \$3,933.56 | \$2,753.49 |
| UCS-CPU-E5-2680=   | 2.70 GHz E5-2680 130W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | \$4,787.99 | \$3,351.59 |
| UCS-CPU-E5-2630L=  | 2.00 GHz E5-2630L/60W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink  | \$1,868.34 | \$1,307.84 |
| UCS-CPU-GREASE=    | CPU thermal grease for heatsink-CPU seal (all but C220/C240) | \$40.00    | \$28.00    |
| UCS-CPU-EP-PNP=    | Pick n place CPU tool set (for Intel E5 EP Socket R)         | \$75.00    | \$52.50    |
| UCSB-HS-01-EP=     | CPU Heat Sink for UCS B200 M3 and B420 M3                    | \$99.00    | \$69.30    |
| UCS-CPU-E5-2660C=  | DISTIonly: 2.20 GHz E5-2660/95W 8C/20MB Cache/DDR3 1600MHz   | \$3,600.00 | \$2,520.00 |
| UCS-CPU-E5-2660=   | 2.20 GHz E5-2660/95W 8C/20MB Cache/DDR3 1600MHz              | \$3,600.00 | \$2,520.00 |
| UCS-CPU-E5-2660    | 2.20 GHz E5-2660/95W 8C/20MB Cache/DDR3 1600MHz              | \$3,600.00 | \$2,520.00 |
| UCS-CPU-GREASE2=   | CPU thermal grease for heatsink-CPU seal (only C220/C240)    | \$40.00    | \$28.00    |
| UCS-CPU-EN-PNP-C=  | DISTIonly: Factory PnP CPU tool set (for Intel E5 EN Socket  | \$50.00    | \$35.00    |
| UCS-CPU-EN-PNP=    | Pick n place CPU tool set (for Intel E5 EN Socket B2)        | \$75.00    | \$52.50    |
| UCS-CPU-E5-2670C=  | DISTIonly: 2.60 GHz E5-2670 115W 8C/20MB Cache/DDR3 1600MHz  | \$4,275.00 | \$2,992.50 |
| UCS-CPU-E5-2670=   | 2.60 GHz E5-2670 115W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | \$4,275.00 | \$2,992.50 |
| UCS-CPU-E5-2670    | 2.60 GHz E5-2670 115W 8C/20MB Cache/DDR3 1600MHz             | \$4,275.00 | \$2,992.50 |
| UCS-CPU-E5-2690    | 2.90 GHz E5-2690/135W 8C/20MB Cache/DDR3 1600MHz             | \$6,103.12 | \$4,272.18 |
| UCS-CPU-E5-2690=   | 2.90 GHz E5-2690/135W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink  | \$6,103.12 | \$4,272.18 |
| UCS-CPU-E5-2690C=  | DISTIonly: 2.90 GHz E5-2690/135W 8C/20MB Cache/DDR3 1600MHz  | \$6,103.12 | \$4,272.18 |
| UCS-CPU-E5-2630L   | 2.00 GHz E5-2630L/60W 6C/15MB Cache/DDR3 1333MHz             | \$1,868.34 | \$1,307.84 |
| UCS-CPU-E5-2650L   | 1.8GHz E5-2650L/70W 8C/20MB Cache/DDR3 1600MHz               | \$3,220.87 | \$2,254.61 |
| UCS-CPU-E5-2650L=  | 1.8GHz E5-2650L/70W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink    | \$3,220.87 | \$2,254.61 |
| UCS-CPU-E5-2630    | 2.30 GHz E5-2630/95W 6C/15MB Cache/DDR3 1333MHz              | \$1,724.62 | \$1,207.23 |
| UCS-CPU-E5-2630=   | 2.30 GHz E5-2630/95W 6C/15MB Cache/DDR3 1333MHz/NoHeatSink   | \$1,724.62 | \$1,207.23 |
| UCS-CPU-E5-2637=   | 3.00 GHz E5-2637/80W 2C/5MB Cache/DDR3 1600MHz/NoHeatSink    | \$2,550.00 | \$1,785.00 |
| UCS-CPU-E5-2667=   | 2.90 GHz E5-2667/130W 6C/15MB Cache/DDR3 1600MHz/NoHeatSink  | \$4,275.00 | \$2,992.50 |
| UCS-CPU-E5-2637C=  | DISTIonly: 3.00 GHz E5-2637/80W 2C/5MB Cache/DDR3 1600MHz    | \$2,550.00 | \$1,785.00 |
| UCS-CPU-E5-2667    | 2.90 GHz E5-2667/130W 6C/15MB Cache/DDR3 1600MHz             | \$4,275.00 | \$2,992.50 |
| UCS-CPU-E5-2667C=  | DISTIonly: 2.90 GHz E5-2667/130W 6C/15MB Cache/DDR3 1600MHz  | \$4,275.00 | \$2,992.50 |
| UCS-CPU-E5-2637    | 3.00 GHz E5-2637/80W 2C/5MB Cache/DDR3 1600MHz               | \$2,550.00 | \$1,785.00 |
| UCS-CPU-E5-2609    | 2.4 GHz E5-2609/80W 4C/10MB Cache/DDR3 1066MHz               | \$890.00   | \$623.00   |
| UCS-CPU-E5-2609=   | 2.4 GHz E5-2609/80W 4C/10MB Cache/DDR3 1066MHz/NoHeatSink    | \$890.00   | \$623.00   |
| UCS-CPU-E5-2609C=  | DISTIonly: 2.40 GHz E5-2609/80W 4C/10MB Cache/DDR3 1066MHz   | \$889.87   | \$622.91   |
| UCS-CPU-E5-2658=   | 2.10 GHz E5-2658 95W 8C/20MB Cache/DDR3 1600MHz/NoHeatSink   | \$3,600.00 | \$2,520.00 |
| UCS-CPU-E5-2658    | 2.10 GHz E5-2658 95W 8C/20MB Cache/DDR3 1600MHz              | \$3,600.00 | \$2,520.00 |



**UCS B200 M3 Memory**

|                   |   |            |            |
|-------------------|---|------------|------------|
| UCS-MR-1X082RX-A  | 8GB DDR3-1333-MHz RDIMM/PC3-10600/2R/1.35v              | \$319.00   | \$223.30   |
| UCS-MR-1X082RY-A  | 8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v       | \$339.00   | \$237.30   |
| UCS-MR-1X162RY-A  | 16GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v      | \$625.00   | \$437.50   |
| UCS-MR-1X041RY-A  | 4GB DDR3-1600-MHz RDIMM/PC3-12800/single rank/1.35v     | \$219.00   | \$153.30   |
| UCS-MR-1X162RY-A= | 16GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v      | \$625.00   | \$437.50   |
| UCS-MR-1X082RY-A= | 8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v       | \$339.00   | \$237.30   |
| UCS-MR-1X082RX-A= | 8GB DDR3-1333-MHz RDIMM/PC3-10600/2R/1.35v              | \$319.00   | \$223.30   |
| UCS-MR-1X041RY-A= | 4GB DDR3-1600-MHz RDIMM/PC3-12800/single rank/1.35v     | \$219.00   | \$153.30   |
| UCS-ML-1X324RY-A= | 32GB DDR3-1600-MHz LR DIMM/PC3-12800/quad rank/x4/1.35v | \$2,639.00 | \$1,847.30 |
| UCS-ML-1X324RY-A  | 32GB DDR3-1600-MHz LR DIMM/PC3-12800/quad rank/x4/1.35v | \$2,639.00 | \$1,847.30 |

**UCS B200 M3 Hard Disk and Solid State Drives**

|                    |   |            |            |
|--------------------|---|------------|------------|
| UCS-HDD300GI2F105  | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted | \$1,279.00 | \$895.30   |
| UCS-HDD300GI2F105= | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted | \$1,279.00 | \$895.30   |
| A03-D146GC2        | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted | \$730.00   | \$511.00   |
| A03-D146GC2=       | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted | \$730.00   | \$511.00   |
| UCS-SD200G0KA2-E   | 200GB 2.5 SATA Enterprise performance SSD                 | \$4,400.00 | \$3,080.00 |
| UCS-SD200G0KA2-E=  | 200GB 2.5 SATA Enterprise performance SSD                 | \$4,400.00 | \$3,080.00 |
| UCS-SD100G0KA2-E   | 100G SATA 2.5 inch Enterprise Performance SSD             | \$2,430.00 | \$1,701.00 |
| UCS-SD100G0KA2-E=  | 100G SATA 2.5 inch Enterprise Performance SSD             | \$2,430.00 | \$1,701.00 |
| N20-BBLKD=         | UCS 2.5 inch HDD blanking panel                           | \$38.00    | \$26.60    |
| UCS-SD300G0KA2-E   | 300GB 2.5 SATA Enterprise performance SSD                 | \$7,000.00 | \$4,900.00 |
| UCS-SD300G0KA2-E=  | 300GB 2.5 SATA Enterprise performance SSD                 | \$7,000.00 | \$4,900.00 |
| UCS-SD400G0KA2-G=  | 400GB 2.5 Enterprise Value SSD                            | \$4,200.00 | \$2,940.00 |
| UCS-SD400G0KA2-G   | 400GB 2.5 Enterprise Value SSD                            | \$4,200.00 | \$2,940.00 |
| UCS-SD100G0KA2-G=  | 100GB 2.5 inch Enterprise Value SSD                       | \$979.00   | \$685.30   |
| UCS-SD100G0KA2-G   | 100GB 2.5 inch Enterprise Value SSD                       | \$979.00   | \$685.30   |

**UCS B200 M3 Mezzanine Adapters**

|                   |  |             |             |
|-------------------|--|-------------|-------------|
| UCSB-MEZ-QLG-03   | Cisco UCS CNA M73KR-Q Qlogic Adapter                         | \$999.00    | \$699.30    |
| UCSB-MEZ-ELX-03   | Cisco UCS CNA M73KR-E Emulex Adapter                         | \$1,399.00  | \$979.30    |
| UCSB-MEZ-BRC-02   | VOID - Cisco UCS M61KR-B Broadcom 57712 Adapter              | \$699.00    | \$489.30    |
| UCSB-MEZ-ELX-03=  | Cisco UCS CNA M73KR-E Emulex (Gen 3)                         | \$1,399.00  | \$979.30    |
| UCSB-MEZ-QLG-03=  | Cisco UCS CNA M73KR-Q Qlogic (Gen 3)                         | \$999.00    | \$699.30    |
| UCSB-MLOM-40G-01= | VIC 1240 modular LOM for M3 blade servers                    | \$1,499.00  | \$1,049.30  |
| UCSB-MLOM-40G-01  | Cisco UCS VIC 1240 modular LOM for M3 blade servers          | \$1,499.00  | \$1,049.30  |
| UCSB-MLOM-PT-01   | Cisco UCS Port Expander Card (mezz) for VIC 1240 modular LOM | \$600.00    | \$420.00    |
| UCSB-MLOM-PT-01=  | Port Expander Card (mezz) for VIC 1240 modular LOM           | \$600.00    | \$420.00    |
| UCS-VIC-M82-8P    | Cisco UCS VIC 1280 dual 40Gb capable Virtual Interface Card  | \$1,699.00  | \$1,189.30  |
| UCS-VIC-M82-8P=   | VIC 1280 dual 40Gb capable Virtual Interface Card            | \$1,699.00  | \$1,189.30  |
| UCSB-F-FIO-785M=  | Cisco UCS 785GB MLC Fusion-io ioDrive2                       | \$35,000.00 | \$24,500.00 |
| UCSB-F-FIO-785M   | Cisco UCS 785GB MLC Fusion-io ioDrive2                       | \$35,000.00 | \$24,500.00 |
| UCSB-F-LSI-400S=  | LSI 400GB SLC WarpDrive                                      | \$34,000.00 | \$23,800.00 |
| UCSB-F-LSI-400S   | LSI 400GB SLC WarpDrive                                      | \$34,000.00 | \$23,800.00 |

**UCS B200 M3 Accessories**

|                    |  |        |        |
|--------------------|--|--------|--------|
| UCS-USBFLSH-S-4GB  | 4GB Flash USB Drive (shorter) for all M3 servers             | 100.00 | 70.00  |
| UCS-USBFLSH-S-4GB= | 4GB Flash USB Drive (shorter) for all M3 servers             | 100.00 | 70.00  |
| UCS-SD-16G=        | 16GB SD Card module for UCS Servers                          | 300.00 | 210.00 |
| UCSX-TPM1-001      | TPM Module For UCS   | 75.00  | 52.50  |
| UCSX-TPM1-001=     | TPM Module For UCS   | 75.00  | 52.50  |
| UCS-SD-16G         | 16GB SD Card module for UCS Servers                          | 300.00 | 210.00 |
| UCSB-BAFF-B200-M3= | Air Baffle Replacement Kit for B200 M3 Server (services spar | 95.00  | 66.50  |

**UCS B200 M3 SMARTnet Maintenance**

|                 |   |        |        |
|-----------------|---|--------|--------|
| CON-SNT-B200M3  | SMARTNET 8X5XNBD UCS B200 M3 Blade Server | 183.00 | 183.00 |
| CON-SNTP-B200M3 | SMARTNET 24X7X4 UCS B200 M3 Blade Server  | 244.00 | 244.00 |

## Cisco UCS B420 M3 Blade Servers

The Cisco® Unified Computing System™ (Cisco UCS®) combines Cisco UCS B-Series Blade Servers and C-Series Rack Servers with networking and storage access in a single converged system that simplifies management and delivers greater cost efficiency and agility with increased visibility and control. One of the latest additions to the Cisco UCS portfolio is the Cisco UCS B420 M3 Blade Server. Designed for enterprise performance and scalability, the Cisco UCS B420 M3 Blade Server combines the advantages of 4-socket computing with the cost-effective Intel® Xeon® processor E5-4600 product family, for demanding virtualization and database workloads. With its industry-leading compute density, I/O bandwidth, and memory footprint, the Cisco UCS B420 M3 is a balanced high-performance platform that complements the Cisco UCS 4-socket blade server portfolio. The Cisco UCS B420 M3 is a full-width blade (Figure 1). Up to four of these high-density, 4-socket blade servers can reside in the six-rack-unit (6RU) Cisco UCS 5108 Blade Server Chassis. In addition, the Cisco UCS B420 M3 is part of the Cisco Unified Computing System, which combines blade and rack servers with networking and storage access in a single unified system. Centrally configured through unified, model-based management, Cisco UCS simplifies and accelerates deployment of enterprise-class applications running in bare-metal, virtualized, and cloud-computing environments. The Cisco UCS B420 M3 Blade Server provides: Up to four Intel® Xeon® processor E5-4600 processor family CPUs with a maximum of 32 cores per server; Forty-eight DIMM slots for registered error-correcting code (ECC) DIMMs, with up to 1.5 TB of memory capacity (using 32-GB LRDIMMs) Three mezzanine connectors enable up to 160 Gbps bandwidth; One dedicated connector for Cisco VIC 1240 mLOM ; Two connectors for Cisco VIC 1280, VIC port expander, or third-party network adapter cards; Four hot-pluggable drive bays supporting SAS, SATA, and SSD drives; RAID 0, 1, 5, and 10, with optional 1-GB flash memory-backed write cache.

The Cisco UCS B420 M3 Blade Server continues Cisco's commitment to delivering uniquely differentiated value, fabric integration, and ease of management that is exceptional in the marketplace for enterprise-class applications, including virtual server workloads, virtual desktop infrastructure (VDI), database, enterprise resource planning (ERP) and customer relationship management (CRM) implementations, and large memory and consolidation workloads.

You can learn more about the Cisco UCS B420 M3 Blade Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-B420-M3>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>     | <u>Description</u>                                       | <u>USD List Price</u> | <u>EPL Price</u> |
|------------------------------|--|-----------------------|------------------|
| <b>UCS B420 M3 Server</b>    |  |                       |                  |
| UCSB-B420-M3                 | UCS B420 M3 Blade Server w/o CPU, memory, HDD, mLOM      | 9,187.00              | 6,430.90         |
| UCSB-B420-M3-D               | UCS B420 M3 Blade Server w/o CPU, memory, HDD, mLOM (1D) | 9,187.00              | 6,430.90         |
| <b>UCS B420 M3 Processor</b> |  |                       |                  |
| UCS-CPU-E5-4640              | 2.40 GHz E5-4640 95W 8C/20MB Cache/DDR3 1600MHz          | 8,591.00              | 6,013.70         |
| UCS-CPU-E5-4650              | 2.70 GHz E5-4650 130W 8C/20MB Cache/DDR3 1600MHz         | 10,776.00             | 7,543.20         |
| UCS-CPU-E5-4620              | 2.20 GHz E5-4620 95W 8C/16MB Cache/DDR3 1333MHz          | 6,426.00              | 4,498.20         |
| UCS-CPU-EP-PNP=              | Pick n place CPU tool set (for Intel E5 EP Socket R)     | 75.00                 | 52.50            |
| UCS-CPU-GREASE=              | CPU thermal grease syringe - needed for heatsink seal    | 40.00                 | 28.00            |
| UCS-CPU-E5-4610              | 2.40 GHz E5-4610 95W 6C/15MB Cache/DDR3 1333MHz          | 5,047.00              | 3,532.90         |
| UCS-CPU-E5-4603              | 2.00 GHz E5-4603 95W 4C/10MB Cache/DDR3 1066MHz          | 3,079.00              | 2,155.30         |
| UCS-CPU-E5-4607              | 2.20 GHz E5-4607 95W 6C/12MB Cache/DDR3 1066MHz          | 3,570.00              | 2,499.00         |

**UCS B420 M3 Memory**

|                   |   |            |            |
|-------------------|---|------------|------------|
| UCS-MR-1X082RX-A  | 8GB DDR3-1333-MHz RDIMM/PC3-10600/2R/1.35v              | \$319.00   | \$223.30   |
| UCS-MR-1X082RY-A  | 8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v       | \$339.00   | \$237.30   |
| UCS-MR-1X162RY-A  | 16GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v      | \$625.00   | \$437.50   |
| UCS-MR-1X041RY-A  | 4GB DDR3-1600-MHz RDIMM/PC3-12800/single rank/1.35v     | \$219.00   | \$153.30   |
| UCS-MR-1X162RY-A= | 16GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v      | \$625.00   | \$437.50   |
| UCS-MR-1X082RY-A= | 8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v       | \$339.00   | \$237.30   |
| UCS-MR-1X082RX-A= | 8GB DDR3-1333-MHz RDIMM/PC3-10600/2R/1.35v              | \$319.00   | \$223.30   |
| UCS-MR-1X041RY-A= | 4GB DDR3-1600-MHz RDIMM/PC3-12800/single rank/1.35v     | \$219.00   | \$153.30   |
| UCS-ML-1X324RY-A= | 32GB DDR3-1600-MHz LR DIMM/PC3-12800/quad rank/x4/1.35v | \$2,639.00 | \$1,847.30 |
| UCS-ML-1X324RY-A  | 32GB DDR3-1600-MHz LR DIMM/PC3-12800/quad rank/x4/1.35v | \$2,639.00 | \$1,847.30 |

**UCS B420 M3 Hard Disk and Solid State Drives**

|                    |  |          |          |
|--------------------|--|----------|----------|
| N20-BBLKD          | UCS 2.5 inch HDD blanking panel                              | 0.00     | 0.00     |
| N20-BBLKD=         | UCS 2.5 inch HDD blanking panel                              | 38.00    | 26.60    |
| A03-D300GA2        | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 589.00   | 412.30   |
| A03-D146GC2        | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 749.00   | 524.30   |
| A03-D146GC2=       | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 749.00   | 524.30   |
| A03-D300GA2=       | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 589.00   | 412.30   |
| A03-D500GC3        | 500GB 6Gb SATA 7.2K RPM SFF hot plug/drive sled mounted      | 610.00   | 427.00   |
| A03-D500GC3=       | 500GB 6Gb SATA 7.2K RPM SFF hot plug/drive sled mounted      | 610.00   | 427.00   |
| A03-D1TBSATA       | 1TB 6Gb SATA 7.2K RPM SFF HDD/hot plug/drive sled mounted    | 989.00   | 692.30   |
| A03-D600GA2        | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,189.00 | 832.30   |
| A03-D600GA2=       | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,189.00 | 832.30   |
| A03-D1TBSATA=      | 1TB 6Gb SATA 7.2K RPM SFF HDD/hot plug/drive sled mounted    | 989.00   | 692.30   |
| UCS-HDD900G12F106  | 900GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,869.00 | 1,308.30 |
| UCS-HDD300G12F105  | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 1,279.00 | 895.30   |
| UCS-HDD300G12F105= | 300GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted    | 1,279.00 | 895.30   |
| UCS-HDD900G12F106= | 900GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted    | 1,869.00 | 1,308.30 |
| UCS-SD200G0KA2-E   | 200GB Std Height 15mm SATA SSD hot plug/drive sled mounted   | 4,400.00 | 3,080.00 |
| UCS-SD200G0KA2-E=  | 200GB Std Height 15mm SATA SSD hot plug/drive sled mounted[s | 4,400.00 | 3,080.00 |
| UCS-SD300G0KA2-E   | 300GB Std Height 15mm SATA SSD hot plug/drive sled mounted   | 7,000.00 | 4,900.00 |
| UCS-SD300G0KA2-E=  | 300GB Std Height 15mm SATA SSD hot plug/drive sled mounted[s | 7,000.00 | 4,900.00 |
| UCS-SD100G0KA2-E   | 100GB Std 15mm Z SATA SSD hot plug/drive sled mounted        | 2,430.00 | 1,701.00 |
| UCS-SD100G0KA2-E=  | 100GB Std 15mm Z SATA SSD hot plug/drive sled mounted[spare] | 2,430.00 | 1,701.00 |

**UCS B420 M3 Mezzanine Adapters**

|                   |  |          |          |
|-------------------|--|----------|----------|
| UCSB-MEZ-QLG-03   | Cisco UCS CNA M73KR-Q Qlogic Adapter                         | 999.00   | 699.30   |
| UCSB-MEZ-ELX-03   | Cisco UCS CNA M73KR-E Emulex Adapter                         | 1,399.00 | 979.30   |
| UCSB-MEZ-BRC-02   | Cisco UCS M61KR-B Broadcom 57712 Adapter                     | 699.00   | 489.30   |
| UCSB-MLOM-40G-01= | VIC 1240 modular LOM for M3 blade servers                    | 1,499.00 | 1,049.30 |
| UCSB-MLOM-40G-01  | Cisco UCS VIC 1240 modular LOM for M3 blade servers          | 1,499.00 | 1,049.30 |
| UCSB-MLOM-PT-01   | Cisco UCS Port Expander Card (mezz) for VIC 1240 modular LOM | 600.00   | 420.00   |
| UCSB-MLOM-PT-01=  | Port Expander Card (mezz) for VIC 1240 modular LOM           | 600.00   | 420.00   |
| UCS-VIC-M82-8P    | Cisco UCS VIC 1280 dual 40Gb capable Virtual Interface Card  | 1,699.00 | 1,189.30 |
| UCS-VIC-M82-8P=   | VIC 1280 dual 40Gb capable Virtual Interface Card            | 1,699.00 | 1,189.30 |

**UCS B420 M3 Heat Sinks and Accessories**

|                    |   |        |        |
|--------------------|---|--------|--------|
| UCSB-HS-01-EP=     | Heat Sink for UCS Blade Servers (EP Socket R)               | 99.00  | 69.30  |
| N20-BKVM=          | KVM local IO cable for UCS servers console port             | 92.00  | 64.40  |
| N20-MBLIBATT=      | Replacement Lithium Battery for Server Motherboard (CR2032) | 60.00  | 42.00  |
| UCS-SD-16G         | 16GB SD Card module for UCS Servers                         | 300.00 | 210.00 |
| UCSX-TPM1-001      | TPM Module For UCS  | 75.00  | 52.50  |
| UCSX-TPM1-001=     | TPM Module For UCS  | 75.00  | 52.50  |
| UCS-USBFLSH-S-4GB  | 4GB Flash USB Drive (shorter) for all M3 servers            | 100.00 | 70.00  |
| UCS-USBFLSH-S-4GB= | 4GB Flash USB Drive (shorter) for all M3 servers            | 100.00 | 70.00  |

**UCS B420 M3 SMARTnet Maintenance**

|                 |                                     |        |        |
|-----------------|-------------------------------------|--------|--------|
| CON-SNT-B420M3  | SMARTNET 8X5XNBD UCS B420 M3 Server | 204.00 | 204.00 |
| CON-SNTP-B420M3 | SMARTNET 24X7X4 UCS B420 M3 Server  | 204.00 | 204.00 |

MS IT Hardware EPL 3658 - Server Category  
 Document Version: 20130311  
 Replaced Document Version: 20120828  
 Updated By: Alan Piklor  
 Date: March, 11, 2013

## Cisco UCS B250 M2 Extended Memory Blade Servers

The Cisco® Unified Computing System is a next-generation data center platform that unites compute, network, storage access, and virtualization into a cohesive system designed to reduce total cost of ownership (TCO) and increase business agility. The system integrates a low-latency, lossless 10 Gigabit Ethernet unified network fabric with enterprise-class, x86-architecture servers. The system is an integrated, scalable, multichassis platform in which all resources participate in a unified management domain. The Cisco UCS B250 M2 Extended Memory Blade Server increases performance and capacity for demanding virtualization and large-data-set workloads. The server is a full-width, two-socket blade server with substantial throughput and more than twice the memory capacity of other Intel Xeon 5600 series-based two-socket servers. It takes advantage of the most advanced Samsung 40 nm DDR3 ultra low power memory technology. A Cisco UCS 5108 Blade Server Chassis can house up to four Cisco UCS B250 M2 Extended Memory Blade Servers, with a maximum of 160 per Cisco Unified Computing System.

You can learn more about the Cisco UCS B250 M2 Blade Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-B250-M2>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:  
<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>                                   | <u>Description</u>   | <u>USD List Price</u> | <u>EPL Price</u> |
|--|--|-----------------------|------------------|
| <b>UCS B250 M2 Blade Server (* Select Options)</b>         |  |                       |                  |
| N20-B6625-2  | UCS B250 M2 Blade Server w/o CPU, memory, HDD, mezzanine     | 5,156.00              | 3,609.20         |
| <b>UCS B250 M2 Blade Server - Spare (* Select Options)</b> |  |                       |                  |
| N20-B6625-2-UPG  | UCS B250 M2 Blade Server w/o CPU, memory, HDD, mezzanine     | 5,156.00              | 3,609.20         |
| <b>* Processor Options</b>                                 |  |                       |                  |
| A01-X0100  | 3.33GHz Xeon X5680 130W CPU/12MB cache/DDR3 1333MHz          | 4,686.00              | 3,280.20         |
| A01-X0102  | 2.93GHz Xeon X5670 95W CPU/12MB cache/DDR3 1333MHz           | 3,842.00              | 2,689.40         |
| A01-X0105  | 2.66GHz Xeon X5650 95W CPU/12MB cache/DDR3 1333MHz           | 2,754.00              | 1,927.80         |
| A01-X0106  | 2.26GHz Xeon L5640 60W CPU/12MB cache/DDR3 1066MHz           | 2,716.00              | 1,901.20         |
| A01-X0109  | 2.66GHz Xeon E5640 80W CPU/12MB cache/DDR3 1066MHz           | 2,061.00              | 1,442.70         |
| A01-X0111  | 2.40GHz Xeon E5620 80W CPU/12MB cache/DDR3 1066MHz           | 1,124.00              | 786.80           |
| A01-X0115  | Intel Xeon X5690 3.46GHz /6c/130W/12MB cache/DDR3 1333MHz    | 4,686.00              | 3,280.20         |
| A01-X0117  | Intel Xeon X5675 3.06GHz /6c/95W/12MB cache/DDR3 1333MHz     | 3,842.00              | 2,689.40         |
| A01-X0120  | Intel Xeon E5649 2.53GHz /6c/80W/12MB cache/DDR3 1333MHz     | 2,061.00              | 1,442.70         |
| N20-X00001   | 2.93GHz Xeon X5570 95W CPU/8MB cache/DDR3 1333MHz            | 3,936.00              | 2,755.20         |
| N20-X00002   | 2.53GHz Xeon E5540 80W CPU/8MB cache/DDR3 1066MHz            | 2,061.00              | 1,442.70         |
| N20-X00003   | 2.26GHz Xeon E5520 80W CPU/8MB cache/DDR3 1066MHz            | 1,124.00              | 786.80           |
| N20-X00004   | 2.26GHz Xeon L5520 60W CPU/8MB cache/DDR3 1066MHz            | 1,499.00              | 1,049.30         |
| N20-X00006   | 2.66GHz Xeon X5550 95W CPU/8MB cache/DDR3 1333MHz            | 2,754.00              | 1,927.80         |
| <b>* Memory Options</b>                                    |  |                       |                  |
| A02-M308GB1-2  | 8GB DDR3-1333MHz RDIMM/PC3-10600/2X4GB 2R Kit                | 788.00                | 551.60           |
| A02-M308GB1-2-L  | 8GB DDR3-1333MHz RDIMM/PC3-10600/2X4GB 2R Kit/Low-Dual Volt  | 862.00                | 603.40           |
| A02-M308GB2-2-L  | 8GB DDR3-1333MHz RDIMM/PC3-10600/2X4GB 1R Kit/Low-Dual Volt  | 862.00                | 603.40           |
| A02-M316GB1-2  | 16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit               | 1,534.00              | 1,073.80         |
| A02-M316GB1-2-L  | 16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit/Low-Dual Volt | 1,684.00              | 1,178.80         |

**\* PCI Express Card Options**

|            |  |          |          |
|------------|--|----------|----------|
| N20-AQ0002 | UCS M71KR-Q Qlogic Converged Network Adapter/PCIe/2port 10Gb | 1,404.00 | 982.80   |
| N20-AE0002 | UCS M71KR-E Emulex Converged Network Adapter/PCIe/2port 10Gb | 1,499.00 | 1,049.30 |
| N20-AC0002 | UCS M81KR Virtual Interface Card/PCIe/2-port 10Gb            | 1,499.00 | 1,049.30 |
| N20-AQ0102 | Cisco UCS CNA M72KR-Q Qlogic Converged Network Adapter       | 1,498.00 | 1,048.60 |
| N20-AE0102 | Cisco UCS CNA M72KR-E Emulex Converged Network Adapter       | 1,592.00 | 1,114.40 |
| N20-AI0102 | Cisco UCS CNA M61KR-I Intel Converged Network Adapter        | 1,217.00 | 851.90   |
| N20-AB0002 | Cisco UCS NIC M51KR-B Broadcom BCM57711 Network Adapter      | 1,179.00 | 825.30   |

**\* Hard Drive Options**

|             |   |          |          |
|-------------|---|----------|----------|
| A03-D073GC2 | 73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted  | 561.00   | 392.70   |
| A03-D146GA2 | 146GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 486.00   | 340.20   |
| A03-D146GC2 | 146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted | 748.00   | 523.60   |
| A03-D300GA2 | 300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 842.00   | 589.40   |
| A03-D100SSD | 100GB SATA SSD SFF/hot plug/drive sled mounted            | 3,936.00 | 2,755.20 |
| A02-D600GA2 | 600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted | 1,498.00 | 1,048.60 |

**UCS B250 M2 SMARTnet Maintenance**

|                  |   |        |        |
|------------------|---|--------|--------|
| CON-SNT-B66252U  | SMARTNET 8X5XNBD UCSB250 M2 Blade Svr w/o CPU Mem HDD Mez | 257.00 | 257.00 |
| CON-SNTP-B66252U | SMARTNET 24X7X4 UCSB250 M2 Blade Svr w/o CPU Mem HDD Mez  | 344.00 | 344.00 |

## Cisco UCS 5100 Series Blade Server Chassis

The Cisco UCS 5100 Series Blade Server Chassis is a crucial building block of the Cisco Unified Computing System, delivering a scalable and flexible architecture for current and future data center needs, while helping reduce total cost of ownership.

Cisco's first blade-server chassis offering, the Cisco UCS 5108 Blade Server Chassis, is six rack units (6RU) high, can mount in an industry-standard 19-inch rack, and uses standard front-to-back cooling. A chassis can accommodate up to eight half-width or four full-width Cisco UCS B-Series Blade Servers form factors within the same chassis. The Cisco UCS 5108 Blade Server Chassis revolutionizes the use and deployment of blade-based systems. By incorporating unified fabric and fabric-extender technology, the Cisco Unified Computing System enables the chassis to have fewer physical components, require no independent management, and be more energy efficient than traditional blade-server chassis. This simplicity eliminates the need for dedicated chassis management and blade switches, reduces cabling, and allowing scalability to 40 chassis without adding complexity. The Cisco UCS 5108 Blade Server Chassis is a critical component in delivering the simplicity and IT responsiveness for the data center as part of the Cisco Unified Computing System.

You can learn more about the Cisco UCS 5100 Series Blade Server Chassis on Cisco's website at the following URL:

<http://tinyurl.com/cisco-UCS-5100>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:

<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u>   | <u>Description</u>   | <u>USD List Price</u> | <u>EPL Price</u> |
|--|--|-----------------------|------------------|
| <b>UCS 5108 Series Blade Server Chassis (* Select Options)</b>         |  |                       |                  |
| N20-C6508  | UCS 5108 Blade Svr AC Chassis/0 PSU/8 fans/0 fabric extender | 5,999.00              | 4,199.30         |
| <b>UCS 5108 Series Blade Server Chassis - Spare (* Select Options)</b> |  |                       |                  |
| N20-C6508-UPG  | UCS 5108 Blade Svr AC Chassis/0 PSU/8 fans/0 fabric extender | 5,999.00              | 4,199.30         |
| <b>* Fabric Extenders</b>  |  |                       |                  |
| N20-I6584  | UCS 2104XP Fabric Extender/4 external 10Gb ports             | 3,749.00              | 2,624.30         |
| <b>* Power Supply</b>  |  |                       |                  |
| N20-PAC5-2500W   | 2500W AC power supply unit for UCS 5108                      | 936.00                | 655.20           |
| <b>* Spare Power Cable Option</b>                                      |  |                       |                  |
| CAB-AC-C6K-TWLK=   | Power Cord, 250Vac 16A, twist lock NEMA L6-20 plug, US       | 45.00                 | 31.50            |
| CAB-AC-2500W-US1=  | Power Cord, 250Vac 16A, straight blade NEMA 6-20 plug, US    | 45.00                 | 31.50            |
| CAB-C19-CBN=   | Cabinet Jumper Power Cord, 250 VAC 16A, C20-C19 Connectors   | 45.00                 | 31.50            |

**\* Additional Chassis Parts**

|                   |   |        |        |
|-------------------|---|--------|--------|
| N20-FAN5=         | Fan module for UCS 5108                                     | 280.00 | 196.00 |
| N20-BKVM=         | KVM local IO cable for UCS servers console port             | 92.00  | 64.40  |
| N20-CBLKB1=       | Blade slot blanking panel for UCS 5108/single slot          | 55.00  | 38.50  |
| N20-CBLKI=        | Fabric extender slot blanking panel for UCS 5108            | 167.00 | 116.90 |
| N20-CBLKP=        | Power supply unit blanking panel for UCS 5108               | 92.00  | 64.40  |
| N20-CDIVH=        | Horizontal divider for UCS 5108                             | 186.00 | 130.20 |
| N20-CDIVV=        | Vertical divider for UCS 5108                               | 186.00 | 130.20 |
| N01-UAC1=         | Single phase AC power module for UCS 5108                   | 374.00 | 261.80 |
| CAB-L520P-C19-US= | NEMA L5-20 to IEC-C19 6ft US                                | 45.00  | 31.50  |
| N20-CRMK2=        | Spare Rack mount kit for UCS 5108                           | 467.00 | 326.90 |
| N20-CRMK2-RHA=    | Round hole adapter kit for N20-CRMK2 rack mount kit         | 130.00 | 91.00  |
| N20-MBLIBATT=     | Replacement Lithium Battery for Server Motherboard (CR2032) | 60.00  | 42.00  |

**UCS 5108 SMARTnet Maintenance**

|                 |  |        |        |
|-----------------|--|--------|--------|
| CON-SNT-2C6508  | SMARTNET 8X5XNBD 5108 Blade Server Chassis | 68.00  | 68.00  |
| CON-SNTP-2C6508 | SMARTNET 24X7X4 5108 Blade Server Chassis  | 193.00 | 193.00 |

## Cisco UCS Fabric Interconnect

The Cisco® UCS 6100 Series Fabric Interconnects are a core part of the Cisco Unified Computing System, providing both network connectivity and management capabilities for the system. The Cisco UCS 6100 Series offers line-rate, low-latency, lossless 10 Gigabit Ethernet and Fibre Channel over Ethernet (FCoE) functions. The Cisco UCS 6100 Series provides the management and communication backbone for the Cisco UCS B-Series Blade Servers and UCS 5100 Series Blade Server Chassis. All chassis, and therefore all blades, attached to the Cisco UCS 6100 Series Fabric Interconnects become part of a single, highly available management domain. In addition, by supporting unified fabric, the Cisco UCS 6100 Series provides both the LAN and SAN connectivity for all blades within its domain. From a networking perspective, the Cisco UCS 6100 Series uses a cut-through architecture, supporting deterministic, low-latency, line-rate 10 Gigabit Ethernet on all ports, independent of packet size and enabled services. The product family supports Cisco low-latency, lossless 10 Gigabit Ethernet1 unified network fabric capabilities, which increase the reliability, efficiency, and scalability of Ethernet networks. The fabric interconnect supports multiple traffic classes over a lossless Ethernet fabric from the blade through the interconnect. Significant TCO savings come from an FCoE-optimized server design in which network interface cards (NICs), host bus adapters (HBAs), cables, and switches can be consolidated.

You can learn more about the Cisco UCS 6100 Series Fabric Interconnect on Cisco's website at the following URL:

<http://tinyurl.com/cisco-UCS-6100>

You can compare the different models of Cisco UCS servers and create custom builds at the following URL:

<http://buildprice.cisco.com>

For sales and account support, please contact one of Cisco's local account managers:

|                 |                    |              |
|-----------------|--------------------|--------------|
| Allan Davis     | aldavis@cisco.com  | 408-894-7290 |
| Mike Kling      | mikling@cisco.com  | 225-218-2010 |
| Patrick Johnson | patrijoh@cisco.com | 408-894-5473 |

| <u>Cisco Product SKU</u> | <u>Description</u>   | <u>USD List Price</u> | <u>EPL Price</u> |
|--------------------------|--|-----------------------|------------------|
| UCS-IOM-2208XP           | UCS 2208XP I/O Module (8 External, 32 Internal 10Gb Ports)   | \$10,000.00           | 7,000.00         |
| UCS-IOM-2208XP=          | UCS 2208XP I/O Module (8 External, 32 Internal 10Gb Ports)   | \$10,000.00           | 7,000.00         |
| UCS-FI-6248UP            | UCS 6248UP 1RU Fabric Int/No PSU/32 UP/ 12p LIC              | \$32,000.00           | 22,400.00        |
| UCS-FI-6248UP-UPG        | UCS 6248UP 1RU Fabric Int/No PSU/32 UP/ 12p LIC              | \$32,000.00           | 22,400.00        |
| UCS-IOM2208-16FET        | UCS 2208XP I/O Module with 16 FET Optics                     | \$15,600.00           | 10,920.00        |
| UCS-IOM2208-16FET=       | UCS 2208XP I/O Module with 16 FET Optics                     | \$15,600.00           | 10,920.00        |
| UCS-FI-6296UP            | UCS 6296UP 2RU Fabric Int/No PSU/48 UP/ 18p LIC              | \$48,000.00           | 33,600.00        |
| UCS-FI-6296UP-UPG        | UCS 6296UP 2RU Fabric Int/No PSU/48 UP/ 18p LIC              | \$48,000.00           | 33,600.00        |
| UCS-FI-6296UP=           | UCS 6296UP 2RU FI/0 PSU/0 Fan/0 DC - SPARE FOR SERVICES ONLY | \$48,000.00           | 33,600.00        |
| UCS-IOM-2204XP           | UCS 2204XP I/O Module (4 External, 16 Internal 10Gb Ports)   | \$5,000.00            | 3,500.00         |
| UCS-IOM-2204XP=          | UCS 2204XP I/O Module (4 External, 16 Internal 10Gb Ports)   | \$5,000.00            | 3,500.00         |
| UCS-FI-6248E16-ALL       | UCS 6248UP and 16P Expansion Module with 48 Port Licenses    | \$96,000.00           | 67,200.00        |
| UCS-FI-6248E16-28P       | UCS 6248UP and 16P Expansion Module with 28 Port Licenses    | \$60,000.00           | 42,000.00        |
| UCS-FI-6248E16-32P       | UCS 6248UP and 16P Expansion Module with 32 Port Licenses    | \$68,000.00           | 47,600.00        |
| UCS-FI-6248-PS-BUN       | UCS 6248UP and 2 AC PSU for DISTI STOCKING                   | \$34,800.00           | 24,360.00        |
| UCS-FI-6296-PS-BUN       | UCS 6296UP and 2 AC PSU for DISTI STOCKING                   | \$52,000.00           | 36,400.00        |
| UCS-IOM2204-8FET         | UCS 2204XP I/O Module with 8 FET Optics                      | \$7,800.00            | 5,460.00         |
| UCS-IOM2204-8FET=        | UCS 2204XP I/O Module with 8 FET Optics                      | \$7,800.00            | 5,460.00         |
| UCS-FI-E16UP             | UCS 6200 16-port Expansion module/16 UP/ 8p LIC              | \$16,000.00           | 11,200.00        |
| UCS-FI-E16UP=            | UCS 6200 16-port Expansion module/16 UP/ 8p LIC              | \$16,000.00           | 11,200.00        |
| UCS-PSU-6248UP-DC=       | UCS 6248UP Power Supply/-48VDC                               | \$2,000.00            | 1,400.00         |
| UCS-PSU-6248UP-DC        | UCS 6248UP Power Supply/-48VDC                               | \$2,000.00            | 1,400.00         |
| UCS-LIC-10GE             | UCS 6200 Series ONLY Fabric Int 1PORT 1/10GE/FC-port license | \$2,774.00            | 1,941.80         |
| UCS-LIC-10GE=            | UCS 6200 Series Fabric Int 1port 1/10GE/FC-port E-license    | \$2,774.00            | 1,941.80         |



|                    |   |            |          |
|--------------------|---|------------|----------|
| UCS-BLKE-6200=     | UCS 6200 Series Expansion Module Blank            | \$100.00   | 70.00    |
| UCS-PSU-6248UP-AC  | UCS 6248UP Power Supply/100-240VAC                | \$1,400.00 | 980.00   |
| UCS-PSU-6248UP-AC= | UCS 6248UP Power Supply/100-240VAC                | \$1,400.00 | 980.00   |
| UCS-FAN-6248UP=    | UCS 6248UP Fan Module                             | \$500.00   | 350.00   |
| UCS-ACC-6248UP=    | UCS 6248UP Chassis Accessory Kit                  | \$300.00   | 210.00   |
| UCS-PSU-6296UP-AC= | UCS 6296UP Power Supply/100-240VAC                | \$2,000.00 | 1,400.00 |
| UCS-FAN-6296UP=    | UCS 6296UP Fan Module                             | \$500.00   | 350.00   |
| UCS-ACC-6296UP=    | UCS 6296UP Chassis Accessory Kit                  | \$300.00   | 210.00   |
| UCS-FI-DL2=        | UCS 6248 Layer 2 Daughter Card                    | \$1,000.00 | 700.00   |
| CAB-C13-C14-AC=    | Power cord, C13 to C14 (recessed receptacle), 10A | \$50.00    | 35.00    |
| UCS-PSU-6296UP-AC  | UCS 6296UP Power Supply/100-240VAC                | \$2,000.00 | 1,400.00 |

#### \* Power Supply Options

|               |  |          |        |
|---------------|--|----------|--------|
| N10-PAC1-550W | 550W power supply unit for UCS 6120XP/100-240VAC | 1,405.00 | 983.50 |
| N10-PAC2-750W | 750W power supply unit for UCS 6140XP/100-240VAC | 1,405.00 | 983.50 |

#### \* Accessory Kit Options

|           |  |        |        |
|-----------|--|--------|--------|
| N10-SACCA | Accessory kit for UCS 6120XP Fabric Interconnect | 280.00 | 196.00 |
| N10-SACCB | Accessory kit for UCS 6140XP Fabric Interconnect | 280.00 | 196.00 |

#### \* Spare Power Cable Option

|                   |   |       |       |
|-------------------|---|-------|-------|
| CAB-AC-250V/13A=  | North America, NEMA L6-20 250V/20A plug-IEC320/C13 receptacle | 80.00 | 56.00 |
| CAB-C13-C14-JMPR= | Recessed receptical AC Power cord 27                          | 50.00 | 35.00 |
| CAB-C13-C14-2M=   | Power Cord Jumper, C13-C14, 2 Meter Length                    | 50.00 | 35.00 |
| CAB-N5K6A-NA=     | Power Cord, 200/240V 6A North America                         | 50.00 | 35.00 |

#### \* SMARTnet Maintenance Options

|                 |  |          |          |
|-----------------|--|----------|----------|
| CON-SNT-1S6100  | SMARTNET 8X5XNBD 6120XP 20PT Fabric Interconnect | 508.00   | 508.00   |
| CON-SNTP-1S6100 | SMARTNET 24X7X4 6120XP 20PT Fabric Interconnect  | 679.00   | 679.00   |
| CON-SNT-1S6200  | SMARTNET 8X5XNBD 6140XP 40PT Fabric Interconnect | 963.00   | 963.00   |
| CON-SNTP-1S6200 | SMARTNET 24X7X4 6140XP 40PT Fabric Interconnect  | 1,285.00 | 1,285.00 |