

Cisco UCS Product Bulletin – Partner Edition

Issue 43

February 23, 2015

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Server Access and Virtualization Business Unit
Cisco Systems, Inc.



Introduction

On Partner Central, you can find links to past and current Cisco UCS Product Bulletin editions under the UCS Solutions Partner Resources section: <http://www.cisco.com/go/UCSProductbulletins>

The product management team has created the Cisco UCS Product Bulletin to communicate key technology transitions, new product IDs, price changes, end-of-life announcements, and any other cool stuff enquiring minds want to know. Product information is very dynamic and subject to change, so we are releasing this bulletin on a monthly basis.

February 23, 2015 – Partner Edition

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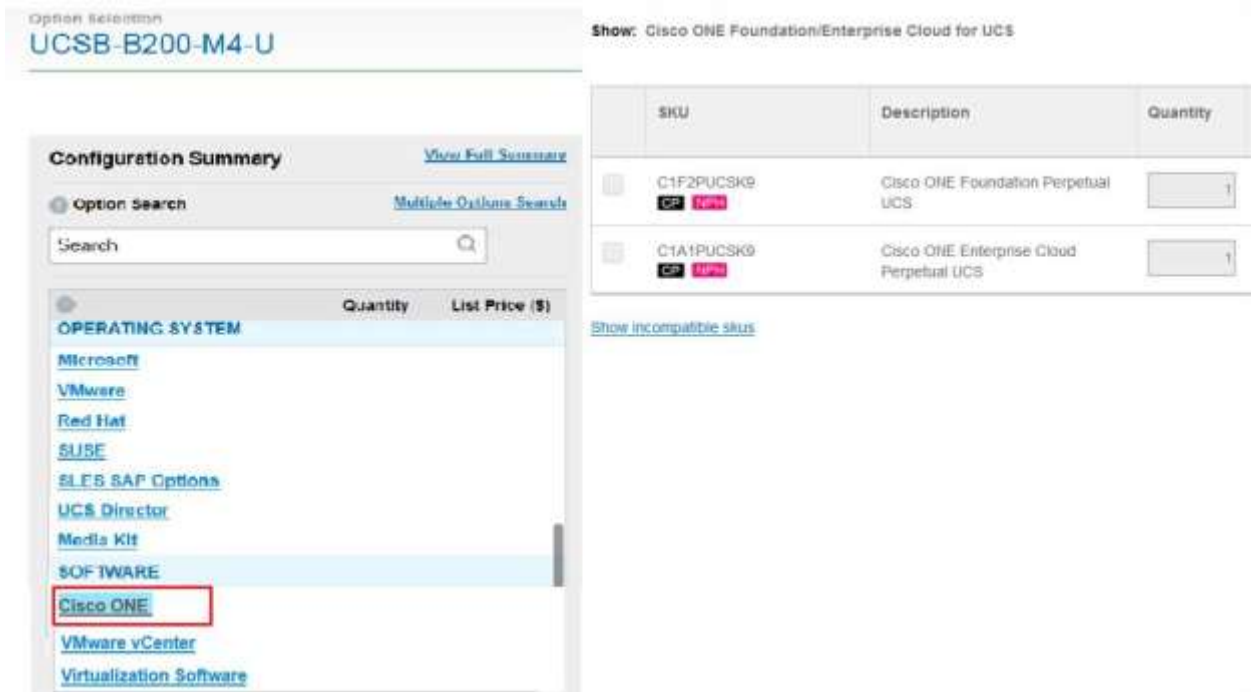
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Hot Topics

Cisco UCS Mini, up to 70% Discount with Seed IT

Especially targeted for first-time Cisco UCS® Mini buyers, the Seed IT/First-Time Buyer Program is an easy, one-time exclusive deep discount, with a limited quantity, for partners to insert new Cisco® technology products, such as the Cisco UCS Mini, to address the need for proof of concept (POC), pilot, and initial phase requirement from customers. For details, see www.cisco.com/go/seedit.

Memory Price Reductions

DDR3 64 GB 1600 MHz price reduction on B260 M4, B460 M4, and C460 M4, effective February 7, 2015

PID	Product Description	Old GPL	New GPL
UCS-ML-2X648RY-E UCS-ML-2X648RY-E=	2 X 64GB DDR3-1600 MHz LRDIMM/PC3-12800 oct rank/x4/1.5v	\$19,500	\$13,000

DDR3 32 GB 1600 MHz price reduction on B260, B460, and C460 M4, effective February 28, 2015

PID	Product Description	Old GPL	New GPL
UCS-ML-2X324RY-E UCS-ML-2X324RY-E=	2 x 32 GB DDR3-1600 MHz LRDIMM/PC3-12800 quad rank/x4/1.35v	\$4,629	\$4,000

DDR4 8 GB price reduction on C220, C240, and B200 M4 effective February 28, 2015

PID	Product Description	Old GPL	New GPL
UCS-MR-1X081RU-A UCS-MR-1X081RU-A=	8 GB DDR4-2133-MHz RDIMM/PC4-17000/single rank/x4/1.2v	\$528	\$485

Availability and Ordering

Coming Soon: Cisco ONE Data Center Compute on UCS Servers

Cisco ONE Software and service for data center compute will soon be available as an option on configure-to-order (CTO) Cisco UCS B-Series Blade Servers and C-Series Rack Servers.

Cisco ONE for Data Center can help you build a scalable, resilient, and efficient data center. Move workloads and resources between different cloud models quickly, more securely, and in compliance with your customers' policies. Reduce costs and increase IT agility with highly secure private, public, and hybrid clouds for customers' physical and virtual environments.

Option Selection
UCSB-B200-M4-U

Show: Cisco ONE Foundation/Enterprise Cloud for UCS

Configuration Summary [View Full Summary](#)

Option search [Multiple Options Search](#)

Search

	Quantity	List Price (\$)
OPERATING SYSTEM		
Microsoft		
VMware		
Red Hat		
SUSE		
SLES SAP Options		
UCS Director		
Media Kit		
SOFTWARE		
Cisco ONE		
VMware vCenter		
Virtualization Software		

SKU	Description	Quantity
C1F2PUCSK0 CP NPM	Cisco ONE Foundation Perpetual UCS	1
C1A1PUCSK0 CP NPM	Cisco ONE Enterprise Cloud Perpetual UCS	1

[Show incompatible skus](#)

For additional information on Cisco ONE Software, see:

<http://www.cisco.com/c/en/us/products/software/one-data-center/index.html>

Select SmartPlay 8 Bundles Extended Through Q3 FY15

To continue momentum with current SmartPlays, we are extending these program bundles:

- SmartPlay 8: Promos and Expansion Packs
- SmartPlay 7: B200 M3 Expansion Packs for Cisco UCS Mini
 - UCS-EZ7-B200-E
 - UCS-EZ7-B200-EP
 - UCS-EZ7-B200-V

There will be a replacement program for SmartPlay 8 with a target launch in Q3 FY15. Details on the new program will be shared in the coming weeks.

The following four Solution Packs will not be extended:

- UCS-SA-OSTACK-MX
- UCS-SA-OSTACK-SP

- UCS-SL-VDI-B200-04
- UCS-VSAN-IVB-28TBP

These will not be extended because they contain options that will be at end of sale. A separate end-of-sale announcement will follow.

Now Orderable on Cisco UCS C3160: 6-TB SAS HDDs and 400-GB SSDs

The 6-TB SAS HDDs and 400-GB SSDs are now available as configurable options on the Cisco UCS C3160. The 6-TB 7200-rpm NL-SAS 4K sector will be sold in bundles of 14 for top load and bundles of 4 for the optional drive trays. Product IDs are orderable and shown below with prices:

PID	Description	GPL
UCSC-C3X60-14HD6	Cisco UCS C3X60 One row of drives containing 14 x 6-TB (NL-SAS 7200-rpm SAS-3 (total: 84 TB)	\$31,999
UCSC-C3X60-28HD6	Cisco UCS C3X60 Two rows of drives containing 28 x 6-TB (NL-SAS 7200-rpm SAS-3 (total: 168 TB)	\$59,999
UCSC-C3X60-42HD6	Cisco UCS C3X60 Three rows of drives containing 42 x 6-TB (NL-SAS 7200-rpm SAS-3 (Total: 252 TB)	\$88,999
UCSC-C3X60-56HD6	Cisco UCS C3X60 Four rows of drives containing 56 x 6-TB (NL-SAS 7200-rpm SAS-3 (total: 336 TB)	\$115,999
UCSC-C3X60-EX24T	Cisco UCS C3160 Expander with 4 x 6-TB 7200-rpm NL-SAS drives	\$9,200
UCSC-C3X60-14HD6	Cisco UCS C3X60 One row of drives containing 14 x 6-TB spare (NL-SAS 7200-rpm SAS-3 (total: 84 TB)	\$31,999

The configurable bundle PIDs are:

UCSC-C3X60-SSD4 Cisco UCS C3X60 one row - 14 drives: 400-GB SSD and 4-TB drives
 UCSC-C3X60-SSD6 Cisco UCS C3X60 one row - 14 drives: 400-GB SSD and 6-TB drives

A minimum of 4 and maximum of 14 SSDs can be selected:

PID	Description	GPL
UCSC-C3160-400SSD	UCS C3X60 400-GB 6-Gbps SSD including C3X60 Carrier Top Load (with 4T 6 Gbps)	\$5,623
UCS-C3X60-12G0400	UCS C3X60 400-GB Enterprise Performance 12G SAS SSD (with 6T 12 Gbps)	\$7,700

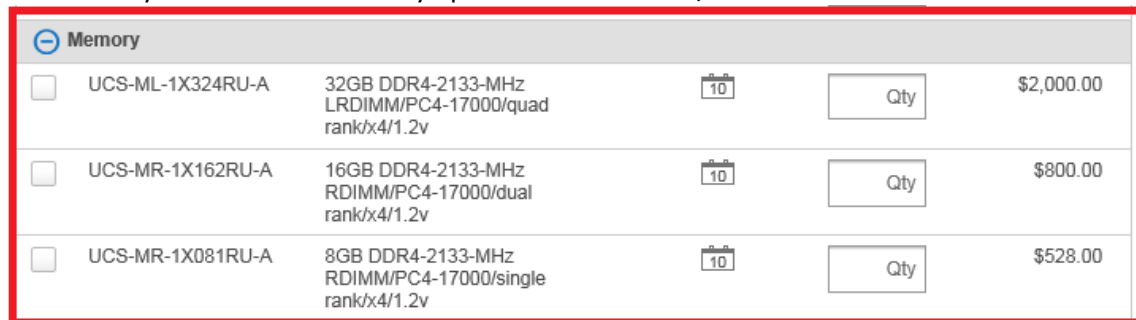
Memory Configuration Change in Blade Advisor (N20-Z0001) in CCW




There has been a change to how the N20-Z0001 / Blade Advisor user interface in Cisco Commerce Workspace (CCW) displays blade server memory options.

The screen shots below show how the memory is displayed as of February 17, 2015. Please note: There may be a slight impact on your saved configurations, where you may need to reselect the memory and revalidate your saved configuration.

This change is being made to the N20-Z0001 / Blade Advisor user interface, so that the user experience is the same across all CCW configuration interfaces for quoting blade servers, whether you are configuring standalone blade servers or servers within a complete Cisco UCS blade infrastructure solution.

This is how you now select memory options in N20-Z0001 / Blade Advisor:



Memory					
<input type="checkbox"/>	UCS-ML-1X324RU-A	32GB DDR4-2133-MHz LRDIMM/PC4-17000/quad rank/x4/1.2v	 10	<input type="text" value="Qty"/>	\$2,000.00
<input type="checkbox"/>	UCS-MR-1X162RU-A	16GB DDR4-2133-MHz RDIMM/PC4-17000/dual rank/x4/1.2v	 10	<input type="text" value="Qty"/>	\$800.00
<input type="checkbox"/>	UCS-MR-1X081RU-A	8GB DDR4-2133-MHz RDIMM/PC4-17000/single rank/x4/1.2v	 10	<input type="text" value="Qty"/>	\$528.00

Cisco UCS C420 M3 Rack Server End of Life

End of life of the Cisco UCS C420 M3 Rack Server was announced on February 6, 2015. End of sale will be August 7, 2015. Please see the following for recommended replacements and end-of-life support detail: <http://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-c-series-rack-servers/eos-eol-notice-c51-733884.html?mdfid=284512300>.

Software Updates

Cisco UCS Manager Plug-In for OpenStack (Juno) Ironic

This plug-in helps speed the onboarding of bare-metal nodes into OpenStack and improves the overall security of a bare-metal cloud.

This initial release supports the following features:

- Manage power operations of Cisco UCS B-Series and C-Series servers through Cisco UCS Manager (UCSM) instead of Intelligent Platform Management Interface (IPMI)
- Automatic node enrollment into the Ironic database using vendor_passthru API talking to UCSM
- Additional vendor_passthru APIs to get node-specific information from UCSM, including:
 - Inventory
 - Faults
 - Location
 - Firmware version

Cisco UCS Manager Plug-in for OpenStack (Juno) Ironic is live on Communities now:

<https://communities.cisco.com/docs/DOC-56373>

Cisco UCS Plug-In for Oracle Enterprise Manager 12c

Cisco has released an updated plug-in for Oracle Enterprise Manager 12c that provides support for Cisco UCS Mini, fan diagnostics, and power supplies. This new version is downloadable from Communities at:

<https://communities.cisco.com/docs/DOC-53967>.

Cisco UCS Certifications

SAP HANA Certification with Cisco UCS B200 M4, C220 M4, and C240 M4 Servers

Great news for HANA integration in mainstream data centers with Cisco! The Cisco UCS B200, C220, and C240 M4 servers are now certified and listed in the HANA entry-level Product Availability Matrix (PAM). The entry-level HANA has a maximum of two CPUs and 1.5 TB of memory, scale up only and part of Tailored Datacenter Integration (TDI).

This certification enables customers to “HANAsize” existing Vblock™ Systems and FlexPods – a unique differentiator.

Cisco UCS Solutions: Recently Released

Validated Designs:

FlexPod with Cisco UCS Mini Design Guide:

http://www.cisco.com/c/dam/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_ucsmi_design.pdf

FlexPod Datacenter with Microsoft Private Cloud Fast Track 4.0 and Cisco Nexus® 9000 Series

Switches:

http://www.cisco.com/c/dam/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_mspc40_cmode_n9k.pdf

FlexPod Datacenter with VMware vSphere 5.5 Update 2 and Cisco Nexus 9000 Application Centric Infrastructure (ACI) Design Guide:

http://www.cisco.com/c/dam/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_esxi55u2_n9k_aci_design.pdf

VersaStack Deployment Guide:

http://www.cisco.com/c/dam/en/us/td/docs/unified_computing/ucs/UCS_CVDs/Versastack_n9k_vmw55.pdf

FlexPod SharePoint 2013 Deployment Guide with ACI:

http://www.cisco.com/c/dam/en/us/td/docs/unified_computing/ucs/UCS_CVDs/sharepoint2013_aci_flexpod_vmware_deploy.pdf

Cisco UCS Mini Branch Office Solution for EMC VSPEX with Microsoft Windows 2012 R2 Hyper-V:

http://www.cisco.com/c/dam/en/us/td/docs/unified_computing/ucs/UCS_CVDs/ucsmi_vspex_ms2012r2_vm100.pdf

Cisco Virtualization Solution for EMC VSPEX with VMware vSphere 5.5 for up to 1000 VMs with Cisco UCS M4 Servers and Nexus 9000 Switches (Standalone):

http://www.cisco.com/c/dam/en/us/td/docs/unified_computing/ucs/UCS_CVDs/ucs_vspex_vmw_m4_55.pdf

Cisco Solution for EMC VSPEX Microsoft SQL 2014 Consolidation:

http://www.cisco.com/c/dam/en/us/td/docs/unified_computing/ucs/UCS_CVDs/vspex_mssql2014_consolidation.pdf

FlexPod Solution Briefs:

FlexPod Datacenter with VMware vSphere 5.5 U1 Solution Brief:

<http://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-b-series-blade-servers/whitepaper-c22-733581.html>

FlexPod Datacenter with VMware vSphere 5.1 U1 and Cisco Nexus 9000 Series Switches Solution Brief:

<http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/flexpod/whitepaper-c22-733580.html>

White Papers:

Cisco Unified Computing System with VMware Horizon 6 with View and Virtual SAN:

http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/desktop-virtualization-solutions-vmware-horizon-view/whitepaper_C11-733480.html

Cisco UCS Mini, Nimble Storage, and VMware Horizon 6 with View Mixed Workload on Cisco UCS:

http://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-mini/whitepaper_c11-733474.html

SmartStack for Oracle's JD Edwards EnterpriseOne 9.1 with Cisco UCS Mini:

<http://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-mini/whitepaper-c11-733613.html>

Virtualized Video Infrastructure with Harmonic VOS and Cisco UCS:

<http://www.cisco.com/c/dam/en/us/products/collateral/servers-unified-computing/ucs-b-series-blade-servers/whitepaper-harmonic.pdf>

Cisco Solution for EMC VSPLEX with ScaleIO Platform:

<http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/solutions-vspex/whitepaper-c11-733544.pdf>

SAP HANA on Cisco UCS Installation Options for TDI Implementation:

http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/sap-applications-on-cisco-ucs/whitepaper_c11-733582.html

Cisco UCS Oracle Solutions

Cisco Wins Top Sponsor Award – JD Edwards Summit

In early February, Cisco shared the Top Sponsor Award at the Oracle JD Edwards Summit with our friends at Nimble Storage. This event brings together over 700 partners from around the world for a week of product updates, industry discussions, and training. Vendors present solutions specific to the JD Edwards customer base.

Cisco/Nimble was awarded **Top Solution** for the JD Edwards installed base **as voted on** by attendees. Cisco plans to highlight this award in the Cisco booth at the Oracle Collaborate conference in April in Las Vegas, April 12 to 16.

Collaborate 2015, April 12 to 16, Las Vegas, Nevada

Cisco will have a booth at the International Oracle User Group Conference, where more than 7000 customers will join industry experts to learn about the latest in Oracle product development and how leading systems vendors are working with Oracle to deliver proven solutions. Cisco's booth will have a theater and an "ask the expert" area where subject-matter experts (SMEs) will be on hand to answer questions. If you have questions or would like to schedule a one-on-one customer meeting, email oraclewithcisco@cisco.com.

Response to IBM Business Partner Mail Mispositioning Cisco Benchmark Results

On January 20, IBM sent an email to business partners in which it positioned IBM System p results as superior to Cisco UCS for Oracle E-Business Suite and Oracle Siebel. However, it positioned against older Cisco results, thereby misrepresenting IBM's "leadership" position.

Cisco UCS Benchmark Updates

Cisco UCS Leads with Industry's First Big Data Benchmark Result

Just published: the industry's first standards-based benchmark for big data on Cisco UCS:
<http://blogs.cisco.com/datacenter/tpcx-hs-on-ucs>

SAP Benchmarks

SAP certification number 2014045:* This SD benchmark with the C240 M4 (with E5-2699 v3) is the best SAP on Windows result on a two-socket system, beating Fujitsu, IBM, Lenovo, HP, and Dell with a total of 16,025 users.

SAP certification number 2015002:* This benchmark is special, as it marks the first appearance ever for SAP. We are demonstrating the power of our hardware (also a C240 M4) by running two completely separate SD benchmarks concurrently on Microsoft Hyper-V with a performance loss of less than 7 percent (in number of users and SAPS) compared to the bare metal result. This is the first ever Concurrent Standard Application Benchmark performed by Cisco:

http://global.sap.com/campaigns/benchmark/appbm_concurrent.epx. Here is a white paper:

<http://www.cisco.com/c/dam/en/us/products/servers-unified-computing/le-47904-pb-sapconcurrent-150211.pdf>. Even better, the combined SAPS numbers of the two VMs are higher than Dell's numbers published the same day on "bare metal" with the same CPU.

*See the SAP website at <http://www.sap.com/benchmarks>.

Oracle PeopleSoft Benchmarks: Two New World Records

Cisco continues to extend its benchmark leadership with Oracle, having posted two top results for the HR Online and Payroll Batch for Oracle PeopleSoft 9.1 FP2. These results were achieved with the B460 M4 with Oracle Linux. Detailed Oracle benchmark reports are on Oracle's website:

HR Online (3 concurrent user level: 12K, 16K, 20K) only:

<http://www.oracle.com/us/solutions/benchmark/apps-benchmark/fp2-cisco-b460-2402718.pdf>

Payroll Batch (3 concurrency levels: 32 - Medium, 64 - Large, 128 - XLarge for 500,000 employees) only:

<http://www.oracle.com/us/solutions/benchmark/apps-benchmark/pay-9-1-fp2-cisco-b460-2402714.pdf>

Microsoft SQL Server Solutions

A new top TPC benchmark result for Microsoft SQL 2014 on the C460 M4 surpasses all others on the TPC-H 1-TB result. The full TPC result is here: <http://www.tpc.org/tpch/default.asp>. The Performance Brief on Cisco.com is here: <http://www.cisco.com/c/dam/en/us/products/collateral/servers-unified-computing/tpc-h-benchmark.pdf>

Cisco UCS C460 M4 running Microsoft SQL Server 2014 outperformed:

- Fujitsu SPARC M10-4S by **80 percent**
- Dell PowerEdge R820 by **31 percent**
- IBM x3859 by **13 percent**