

# Cisco UCS Product Bulletin – Partner Edition

## Issue 41

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### 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 other cool stuff inquiring minds want to know. Product information is very dynamic and subject to change, so we are releasing this bulletin on a monthly basis.

## December 19, 2014 – Partner Edition

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### Hot Topic

#### **Cisco Delivers Best Two-Socket Server SAP SD Benchmark Result with Microsoft Windows**

Cisco delivers the best two-processor, two-tier SAP Sales and Distribution (SD) Benchmark performance running Microsoft Windows, demonstrating excellent scalability for SAP landscapes. Share with your customers: [Performance Brief](#).

## Availability and Ordering

### Cisco Integrated Management Controller (IMC) Supervisor Now Available

Cisco® Integrated Management Controller (IMC) Supervisor is a system management utility for standalone Cisco UCS C-Series and E-Series servers. The initial release will provide the following capabilities:

- Platform hardware inventory
- Hardware health status
- vKVM launch (including vMedia)
- Firmware inventory plus management
- Call Home (basic email alerting)
- FCS scale target: 1000 servers

The IMC Supervisor provides customers with a tool that will enable centralized management for standalone C-Series and E-Series servers located across multiple sites. The primary use cases identified for the IMC Supervisor include:

- Remote office/branch office (ROBO)
- Retail customers
- Agency customers
- Small and midsize business customers

The Cisco UCS Communities announcement can be found at:

[https://communities.cisco.com/community/technology/datacenter/ucs\\_management/blog/2014/12/05/cisco-imc-supervisor-10-release-announcement](https://communities.cisco.com/community/technology/datacenter/ucs_management/blog/2014/12/05/cisco-imc-supervisor-10-release-announcement)

UCS Tech Talk: Introducing IMC Supervisor for Standalone C-Series and E-Series Servers: (December 18, 8 a.m. Pacific Time) can be found at:

<https://communities.cisco.com/docs/DOC-55772>

### New Hadoop Software Product IDs Now Available on Cisco GPL

New Hadoop software product IDs for Cloudera, Hortonworks, and MapR are now available on Cisco GPL. They are available as 1-, 2-, or 3-year term subscription licenses, and entitle customers to Hadoop software licenses and support for the term of the subscription. This offering allows Cisco partners to provide a comprehensive big data Hadoop offering on a single purchase order to our customers for both Hadoop software and hardware infrastructure.

Hadoop Software	Cisco Product ID
Cloudera Enterprise Basic Edition	UCS-BD-CEBN=
Cloudera Enterprise Flex Edition	UCS-BD-CEFN=
Cloudera Enterprise Data Hub Edition	UCS-BD-CEDN=
Hortonworks Enterprise Edition	UCS-BD-HDP-ENT=
Hortonworks Enterprise Plus Edition	UCS-BD-HDP-EPL=
MapR Enterprise (MS) Edition	UCS-BD-MS-SL=
MapR Enterprise Database (M7) Edition	UCS-BD-M7-SL=

## New Version of the Cisco UCS Power Calculator to Be Released on January 6

A new version of the Cisco UCS Power Calculator will be released on January 6, 2015. It is hosted on the Cisco domain at [ucspowercalc.cisco.com \(https://tools.cisco.com/wsrp/pwd014/public/index.jsp#eula\)](https://tools.cisco.com/wsrp/pwd014/public/index.jsp#eula). The new calculator contains many new features, including the ability to create templates and projects where configuration data is stored. Templates and projects improve agility, as well as enable collaboration among users through exporting and importing user-specific configuration data. It is based on a REST architecture that enables tighter integration with the power estimate widget in Cisco Commerce Workspace, as well as enabling integration opportunities with other Cisco tools. The older versions of the Cisco UCS Power Calculator hosted by Principled Technologies and MainStayAdvisor will be deprecated with redirects to the new calculator.

## Third-Generation Storage Accelerators for UCS Rack and Blade Servers Now Available

The third-generation storage accelerators that can be installed in Cisco UCS servers at the factory provide the highest-speed enterprise storage tier available. Over 450 UCS customers have adopted them since 2013 to accelerate workloads ranging from mission-critical online transaction processing (OLTP) enterprise databases to virtual desktop infrastructure (VDI) and many SAS and Hadoop environments.

Many customers have also deployed the supported higher-capacity points to completely replace aging SANs, which they consider single points of failure compared to multiple servers with RAID-protected PCIe flash devices. As a side benefit, application performance in these environments often goes up 5- to 10-fold.

Start a conversation with your customer about bringing storage closer to the server and application acceleration with an unparalleled management experience with Cisco UCS Manager and the largest-capacity on the market (up to ~60 TB in a Cisco UCS C460 M4). These fully integrated UCS devices can be very helpful in uncovering opportunities for Cisco UCS Invicta™ as well.

For more information, see the [datasheet](#).

## End-of-Sale Notice for 4 GB Memory

The following 4-GB memory product IDs will reach end of sale on June 1, 2015.

End-of-Sale Product ID	Description	End-of-Sale Date	Replacement Product ID	Description
UCS-MR-1X041RY-A	4GB DDR3 1600-MHz RDIMM/ PC3-12800/ 1R/ x4/ 1.35v	June 1, 2015	UCS-MR-1X082RY-A	8GB DDR3 1600-MHz RDIMM/ PC3-12800/ dual rank/ 1.35v
UCS-MR-1X041RY-A=			UCS-MR-1X082RY-A=	
UCS-MR-2X041RY-B	2x4GB DDR3 1600-MHz RDIMM/ PC3-12800/ 1R/ x4/ 1.35v		UCS-MR-2X082RY-B	2x8GB DDR3 1600-MHz RDIMM/ PC3-12800/ 2R/x4/ 1.35v
UCS-MR-2X041RY-B=			UCS-MR-2X082RY-B=	

## Software Update

### Cisco UCS Director 5.2 Available on December 19, 2014

Cisco UCS Director version 5.2 became available on December 19, 2014. The objective of this release is to lay the foundation for enterprise private cloud by strengthening Microsoft Hyper-V support,

enter into remote office/branch office (ROBO) space with the UCS Mini, provide support for the UCS E-Series platform, and provide continued usability enhancements through our popular TwistOff project. Release highlights are as follows:

## Release Highlights

### Usability

#### TwistOff Phase-2

Various Wizards

### Platform

- ✓ Resource Groups – VNX support
- ✓ BMA enhancements
- ✓ Customer and field requests in various areas
- ✓ MSP enhancements

### Virtualization

- ✓ Microsoft Hyper-V Updated feature set

### Compute

- ✓ UCS Mini
- ✓ C-Series & UCS-E (*Gold Town Integration*)
- ✓ New UCS M4 Blades with EI Cap MR2
- ✓ HP OA 4.3

### Network

- ✓ Nexus 1000v HyperV
  - ✓ DFA 2.0

### Storage

- ✓ NetApp ONTAP 8.2.2
- ✓ Failover Group for C-mode

### ACI

- ✓ Cisco AVS
- ✓ L3 External Routed Networks
- ✓ Amazon MR1 release support
- ✓ Citrix NetScaler 1000v

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## Solutions Update

### Cisco UCS Solutions Validation Designs Recently Released

VersaStack Design Guide

[http://www.cisco.com/c/dam/en/us/td/docs/unified\\_computing/ucs/UCS\\_CVDs/Versastack\\_design.pdf](http://www.cisco.com/c/dam/en/us/td/docs/unified_computing/ucs/UCS_CVDs/Versastack_design.pdf)

## Additional Resources

### Cisco and Microsoft Webinar VoD for Channel Partners

- Cisco and Microsoft webinar video on demand (VoD) for channel partners: [Increase Profits and Customer Value](#)

### New Cisco Validated Designs for Your Customers

- [Cisco UCS and Oracle RAC 11gR2 with Hitachi Virtual Storage Platform G1000](#)
- [Cisco UCS Mini Branch Office Solution for EMC VSPEX](#)
- [FlexPod Datacenter with Microsoft SharePoint 2013 and ACI](#)

- [FlexPod Datacenter with Microsoft Exchange 2013, F5 Big-IP, and ACI](#)
- [Cisco IaaS for EMC VSPEX with UCS Director 5.0](#)
- [Cisco UCS Solution for EMC VSPEX Microsoft Private Cloud Fast Track 4.0](#)
- [Cisco Solution for EMC VSPEX Microsoft Private Cloud Fast Track 4.0](#)
- [Cisco Solution for EMC VSPEX with Microsoft Private Cloud Fast Track 4.0 with Windows Azure Pack](#)

### **UCS Sales and Tech Briefs**

- UCS Sales and Tech Briefs: Cloud-scale, edge-scale, and performance-intensive computing. [Tech Brief](#) | [Sales Brief](#)

### **TechWiseTV VoD on Cisco UCS M-Series for Your Customers**

- TechWiseTV VoD: [Cisco UCS M-Series: Deconstructing the Server](#)