



Hardware and Software Interoperability Matrix for Cisco Unified Computing System C460 M1 Rack-Mount Server

This document provides interoperability matrices for Cisco Unified Computing System components and configurations that have been tested and validated by Cisco, by Cisco partners, or both. Use this document as a reference for supported hardware and software.

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Audience

This document is designed for use by Cisco TAC, sales, support engineers, professional service partners, and systems administrators responsible for the design and deployment of the Unified Computing System in the data center environment.

The content of this document is updated on a regular basis. The current version of this document applies to the Cisco Unified Computing System C460 M1 Rack-Mount Server, Release 1.1(2).

Operating System Interoperability Matrix

Table 1 lists the operating systems that the Unified Computing System C460 Series Servers support.

Table 1: Operating System

UCS Server	Vendor	Operating System Version	Notes
C460	Microsoft	Windows Server 2008 x64 w/Hyper-V SP2	

UCS Server	Vendor	Operating System Version	Notes
C460	Microsoft	Windows Server 2008 R2 x64 w/Hyper-V	
C460	Novell	SUSE Linux Enterprise Server 11 64bit	Note 16
C460	Novell	SUSE Linux Enterprise Server 11.1 64bit	Note 16
C460	Redhat	Enterprise Linux 5.4 64bit	Note 15
C460	Redhat	Enterprise Linux 5.5 64bit	
C460	Oracle	Enterprise Linux 5.4 64bit	Note 15
C460	Oracle	Enterprise Linux 5.5 64bit	
C460	VMware	vSphere 4.0 U1	
C460	VMware	vSphere 4.0i U1	
C460	VMware	vSphere 4.0 U2	
C460	VMware	vSphere 4.0i U2	
C460	VMware	vSphere 4.1	
C460	VMware	vSphere 4.1i	

Adapters Interoperability Matrix

Table 2 lists the network adapters that the Unified Computing System C460 Series Servers support.

Table 2: Adapters

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.4 64bit	2.0.8e	5.0.6	5.0.5	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.5 64bit	2.0.8e	5.0.6	5.0.5	
C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11 64bit	2.0.8e	5.0.6	5.0.5	
C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11.1 64bit	2.0.4	5.0.6	5.0.5	
C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0 U1	2.0.7c	5.0.6	5.0.5	
C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0i U1	2.0.7c	5.0.6	5.0.5	
C460	Broadcom	NetXtreme II 5709 Dual and	vSphere 4.0 U2	2.0.7c	5.0.6	5.0.5	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Quad Port Gigabit Ethernet PCIe Adapter					
C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0i U2	2.0.7c	5.0.6	5.0.5	
C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.1	2.0.7d	5.2.3	5.2.7	
C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.1i	2.0.7d	5.2.3	5.2.7	
C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	Windows Server 2008 x64 w/Hyper-V	5.2.14.0 / 5.2.11.0 (iSCSI)	5.0.6	5.0.5	
C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet	Windows Server 2008 R2 x64 w/Hyper-V	5.2.14.0 / 5.2.11.0 (iSCSI)	5.0.6	5.0.5	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		PCIe Adapter					
C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Enterprise Linux 5.4 64bit	2.0.8e	5.0.15	5.0.5	Note 5
C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Enterprise Linux 5.5 64bit	2.0.8e	5.0.15	5.0.5	Note 5
C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	SUSE Linux Enterprise Server 11 64bit	2.0.8e	5.0.15	5.0.5	Note 5
C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	vSphere 4.0 U1	2.0.7c	5.0.15	5.0.5	Note 5
C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	vSphere 4.0i U1	2.0.7c	5.0.15	5.0.5	Note 5
C460	Broadcom	NetXtreme II 5709 Dual Port Gigabit Ethernet	vSphere 4.0 U2	2.0.7c	5.0.15	5.0.5	Note 5

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Onboard Controller					
C460	Broadcom	NetXtreme II 5709 Dual Port Gigabit Ethernet Onboard Controller	vSphere 4.0i U2	2.0.7c	5.0.15	5.0.5	Note 5
C460	Broadcom	NetXtreme II 5709 Dual Port Gigabit Ethernet Onboard Controller	vSphere 4.1	2.0.7d	5.0.15	5.0.5	Note 5
C460	Broadcom	NetXtreme II 5709 Dual Port Gigabit Ethernet Onboard Controller	vSphere 4.1i	2.0.7d	5.0.15	5.0.5	Note 5
C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Windows Server 2008 x64 w/Hyper-V	5.2.14.0 / 5.2.11.0 (iSCSI)	5.0.15	5.0.5	Note 5
C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Windows Server 2008 R2 x64 w/Hyper-V	5.2.14.0 / 5.2.11.0 (iSCSI)	5.0.15	5.0.5	Note 5
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet	Enterprise Linux 5.4 64bit	1.52.15	5.0.11	5.0.15	Note 5

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Onboard Controller					
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	Enterprise Linux 5.5 64bit	1.52.15	5.0.11	5.0.15	Note 5
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	SUSE Linux Enterprise Server 11 64bit	1.52.15	5.0.11	5.0.15	Note 5
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	vSphere 4.0 U1	1.52.12.v40.3	5.0.11	5.0.15	Note 5
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	vSphere 4.0i U1	1.52.12.v40.3	5.0.11	5.0.15	Note 5
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	vSphere 4.0 U2	1.52.12.v40.3	5.2.55	5.2.15	Note 5
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet	vSphere 4.0i U2	1.52.12.v40.3	5.2.55	5.2.15	Note 5

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Onboard Controller					
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	vSphere 4.1	154.1.v41.1-lvmw	5.2.55	5.2.15	Note 5
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	vSphere 4.1i	154.1.v41.1-lvmw	5.2.55	5.2.15	Note 5
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	Windows Server 2008 x64 w/Hyper-V	5.2.14.0 / 5.2.11.0 (iSCSI)	5.0.11	5.0.15	Note 5
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	Windows Server 2008 R2 x64 w/Hyper-V	5.2.14.0 / 5.2.11.0 (iSCSI)	5.0.11	5.0.15	Note 5
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.4 64bit	1.52.15	5.0.11	5.0.15	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet	Enterprise Linux 5.5 64bit	1.52.15	5.0.11	5.0.15	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		PCIe Adapter					
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11 64bit	1.52.15	5.0.11	5.0.15	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11.1 64bit	1.52.1-7	5.0.11	5.0.15	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0 U1	1.52.12.v40.3	5.0.11	5.0.15	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0i U1	1.52.12.v40.3	5.0.11	5.0.15	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0 U2	1.52.12.v40.3	5.2.51	5.2.15	Note 5
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet	vSphere 4.0i U2	1.52.12.v40.3	5.2.51	5.2.15	Note 5

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		PCIe Adapter					
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.1	154.1.v41.1-lvmw	5.2.51	5.0.15	Note 3
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.1i	154.1.v41.1-lvmw	5.2.51	5.0.15	Note 3
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Windows Server 2008 x64 w/Hyper-V	5.2.14.0 / 5.2.11.0 (iSCSI)	5.0.11	5.0.15	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Windows Server 2008 R2 x64 w/Hyper-V	5.2.14.0 / 5.2.11.0 (iSCSI)	5.0.11	5.0.15	
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Enterprise Linux 5.4 64bit	8.2.0.71	2.82a3	2.02a2	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Enterprise Linux 5.5 64bit	8.2.0.71	2.82a3	2.02a2	
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	SUSE Linux Enterprise Server 11 64bit	8.2.8.40	2.82a3	2.02a2	
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	SUSE Linux Enterprise Server 11.1 64bit	0:8.3.5.8.1p	2.82a4	2.02a2	
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.0 U1	8.2.0.30.52vmw	2.82a3	2.02a2	
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express	vSphere 4.0i U1	8.2.0.30.52vmw	2.82a3	2.02a2	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Host Bus Adapter					
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.U2	8.2.0.30.52vmw	2.82a3	2.02a2	Note 3
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.0i U2	8.2.0.30.52vmw	2.82a3	2.02a2	Note 3
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.1	82.130.1-58vmw	2.82a3	2.02a2	Note 3
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.1i	82.130.1-58vmw	2.82a3	2.02a2	Note 3
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel	Windows Server 2008 x64 w/Hyper-V	7.2.20.6	2.82a3	2.02a2	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		PCI Express Host Bus Adapter					
C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Windows Server 2008 R2 x64 w/Hyper-V	7.2.20.6	2.82a3	2.02a2	
C460	Emulex	OneConnect OCel0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Enterprise Linux 5.4 64bit	8.2.0.71 / 2.102.200.13 (NIC)	2102200.1702	4.01a0	
C460	Emulex	OneConnect OCel0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Enterprise Linux 5.5 64bit	8.2.0.71 / 2.102.200.29 (NIC)	2102200.1702	4.01a0	
C460	Emulex	OneConnect OCel0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	SUSE Linux Enterprise Server 11 64bit	8.2.8.40 / 2.102.200.13 (NIC)	2102200.1702	4.01a0	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	Emulex	OneConnect OCE10102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	SUSE Linux Enterprise Server 11.1 64bit	0:8.3.5.8.1p / 2.102.147 (NIC)	2.102200.1702	4.01a0	
C460	Emulex	OneConnect OCE10102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0 U1	8.2.0.71.17 / 2.101.386.0 (NIC)	2.102200.1702	4.01a0	
C460	Emulex	OneConnect OCE10102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0i U1	8.2.0.71.17 / 2.101.386.0 (NIC)	2.102200.1702	4.01a0	
C460	Emulex	OneConnect OCE10102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0U2	8.2.0.71.17 / 2.101.386.0 (NIC)	2.102200.1705	4.01a0	
C460	Emulex	OneConnect OCE10102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0i U2	8.2.0.71.17 / 2.101.386.0 (NIC)	2.102200.1705	4.01a0	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Network Adapter					
C460	Emulex	OneConnect OCE10102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Windows Server 2008 x64 w/Hyper-V	7.2.32.2 / 2.102.200.13 (NIC)	2102200.1702	4.01a0	
C460	Emulex	OneConnect OCE10102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Windows Server 2008 R2 x64 w/Hyper-V	7.2.32.2 / 2.102.200.13 (NIC)	2102200.1702	4.01a0	
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.4 64bit	2.2.9		1.3.50	
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.5 64bit	2.2.9		1.3.50	
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11 64bit	2.2.9		1.3.50	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11.1 64bit	2.1.0-k2		1.3.50	
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0 U1	1.3.19.12.1		1.3.50	
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0i U1	1.3.19.12.1		1.3.50	
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0 U2	1.3.19.12.1		1.3.50	
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0i U2	1.3.19.12.1		1.3.50	
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.1	1.3.19.122-1vmw		1.3.50	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.1i	13.19.122-lvmw		1.3.50	
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Windows Server 2008 x64 w/Hyper-V	11.4.7.0		1.3.50	
C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Windows Server 2008 R2 x64 w/Hyper-V	11.4.7.0		1.3.50	
C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.4 64bit	2.0.62.4		2.1.50	
C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.5 64bit	2.0.62.4		2.1.50	
C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11 64bit	2.0.62.4		2.1.50	
C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise	2.0.44-k2		2.1.50	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Ethernet PCIe Adapter	Server 11.1 64bit				
C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0 U1	2.0.62.4.8		2.1.50	
C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0i U1	2.0.62.4.8		2.1.50	
C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0 U2	2.0.62.4.8		2.1.50	
C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0i U2	2.0.62.4.8		2.1.50	
C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.1	2.0.62.4.8		2.1.50	
C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.1i	2.0.62.4.8		2.1.50	
C460	Intel	X520 Dual Port 10	Windows Server	2.4.56.0		2.1.50	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Gigabit Ethernet PCIe Adapter	2008 x64 w/Hyper-V				
C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Windows Server 2008 R2 x64 w/Hyper-V	2.4.56.0		2.1.50	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	Enterprise Linux 5.4 64bit	00.00.04.26	240.13-0837	3.13.00 / 01.250.04.219	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	Enterprise Linux 5.5 64bit	00.00.04.17	240.13-0837	3.13.00 / 01.250.04.219	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	SUSE Linux Enterprise Server 11 64bit	00.00.04.26	240.13-0837	3.13.00 / 01.250.04.219	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	SUSE Linux Enterprise Server 11.1 64bit	00.00.04.27-SL1	240.13-0837	3.13.00 / 01.250.04.219	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	vSphere 4.0 U1	00000408.15vmw	240.13-0837	3.13.00 / 01.250.04.219	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	vSphere 4.0i U1	00000408.15vmw	240.13-0837	3.13.00 / 01.250.04.219	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	vSphere 4.0 U2	00000408.15vmw	240.13-0837	3.13.00 / 01.250.04.219	Note 3

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	vSphere 4.0i U2	00000408.15vmw	2.40.13-0837	3.13.00 / 01.250.04.219	Note 3
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	vSphere 4.1	4.0.14.1-18vmw	2.40.13-0837	3.13.00 / 01.250.04.219	Note 3
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	vSphere 4.1	4.0.14.1-18vmw	2.40.13-0837	3.13.00 / 01.250.04.219	Note 3
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	Windows Server 2008 x64 w/Hyper-V	4.23.0.64	2.40.13-0837	3.13.00 / 01.250.04.219	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	Windows Server 2008 R2 x64 w/Hyper-V	4.23.0.64	2.40.13-0837	3.13.00 / 01.250.04.219	
C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Enterprise Linux 5.4 64bit	803.00.10.0504k / 1.00.00.23 (NIC)	5.02.01	2.14	
C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Enterprise Linux 5.5 64bit	803.01.04.0505k / 1.00.00.23 (NIC)	5.02.01	2.14	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	SUSE Linux Enterprise Server 11 64bit	803.00.08.11.0.k4 / 1.00.00.23 (NIC)	5.02.01	2.14	
C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	SUSE Linux Enterprise Server 11.1 64bit	803.00.08.11.0.k4	5.02.01	2.14	
C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0 U1	831.k1.25vmw / 1.0.0.38 (NIC)	5.02.01	2.14	
C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0i U1	831.k1.25vmw / 1.0.0.38 (NIC)	5.02.01	2.14	
C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0U2	831.k1.25vmw / 1.00.00.39 (NIC)	5.02.01	2.14/3.09	Note 5

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0i U2	831.k1.25vmw / 1.00.00.39 (NIC)	5.02.01	2.14/3.09	Note 5
C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Windows Server 2008 x64 w/Hyper-V	9.1.8.26 / 1.0.1.2 (NIC)	5.02.01	2.14	
C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Windows Server 2008 R2 x64 w/Hyper-V	9.1.8.26 / 1.0.1.2 (NIC)	5.02.01	2.14	
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	Enterprise Linux 5.4 64bit	803.00.10.05.04k	4.06.02	2.1	
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	Enterprise Linux 5.5 64bit	803.01.04.05.05k	4.06.02	2.1	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	SUSE Linux Enterprise Server 11 64bit	80300.08.11.0-k4	4.06.02	2.1	
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	SUSE Linux Enterprise Server 11.1 64bit	80301.06.11.1-k8	4.06.02	2.1	
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.0 U1	80201-k1-vmw43	4.06.02	2.1	
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.0i U1	80201-k1-vmw43	4.06.02	2.1	
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express	vSphere 4.0 U2	80201-k1-vmw48	4.06.02	2.1	Note 3

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Host Bus Adapter					
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.0i U2	80201k1-vmw48	4.06.02	2.1	Note 3
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.1	831k1281-1vmw	4.06.02	2.1	Note 3
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.1i	831k1281-1vmw	4.06.02	2.1	Note 3
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	Windows Server 2008 x64 w/Hyper-V	9.1.8.25	4.06.02	2.1	
C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to	Windows Server 2008 R2 x64 w/Hyper-V	9.1.8.25	4.06.02	2.1	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		PCI Express Host Bus Adapter					

**Note**

- 1 Requires Intel 55xx chipset drivers from download.intel.com
- 2 Non-default adapter settings are typically required by storage vendors and found on their support list
- 3 Driver included in OS image
- 4 Requires reboot after driver installation
- 5 Onboard device
- 6 Driver pending from device vendor
- 7 Multiple array and switch models supported with UCS by the storage vendor are on their support list
- 8 Fiber Channel Storage that supports equivalent adapters and drivers is supported by UCS
- 9 In an iSCSI Boot environment, Microsoft KB943295 must be installed
- 10 Requires firmware: 1.10.02-0197. This requires a driver CD whose ISO is available at: <http://www.vmware.com/support/vi3/doc/drivercd/esx301-cciss-2.4.66.html>
- 11 Netqueue not supported
- 12 Driver version is for Software RAID
- 13 Only supported with device ID 10C9, update available
- 14 55xx processor family supported, this OS version does not support the 56xx processor family
- 15 The 2.6.18-164.9.1 errata kernel (or newer) is required to run Red Hat Enterprise Linux 5.4 on a Cisco UCS C460 M1
- 16 SLES kernel 2.6.27.45-0.1.1 (or newer) required for Nehalem EX processor support on B440 M1 servers

Related Documentation

Links to the latest versions of related Cisco documentation are available in the *Cisco UCS Rack-Mount Servers Documentation Roadmap*, located at:

<http://www.cisco.com/go/unifiedcomputing/c-series-doc>

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