



Hardware and Software Interoperability Matrix

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.

This document contains the following sections:

- [Audience, page 1](#)
- [Operating System Interoperability Matrix, page 1](#)
- [Converged Network Adapter Interoperability Matrix, page 3](#)
- [Host Bus Adapter Interoperability Matrix, page 13](#)
- [LAN on Motherboard Interoperability Matrix, page 20](#)
- [Network Interface Card Interoperability Matrix, page 29](#)
- [RAID Controller on Motherboard or PCIe Adapter Interoperability Matrix, page 44](#)
- [Related Documentation, page 59](#)
- [Obtaining Documentation and Submitting a Service Request, page 59](#)

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 C Series servers in Cisco Unified Computing System Release 1.2(1).

Operating System Interoperability Matrix

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

Table 1: Operating System

UCS Server	Vendor	Operating System Version	Notes
C200/C210 M1, C250 M1	Microsoft	Windows Server 2003 R2 x64 SP2	Note 1
C200/C210 M1, C250 M1	Microsoft	Windows Server 2003 R2 x86 SP2	Note 1
C200/C210 M1, C250 M1	Microsoft	Windows Server 2003 x64 SP2	Note 1
C200/C210 M1, C250 M1	Microsoft	Windows Server 2003 x86 SP2	Note 1
C200/C210 M1 & M2, C250 M1 & M2, C460	Microsoft	Windows Server 2008 R2 x64 w/Hyper-V	Note 1
C200/C210 M1 & M2, C250 M1 & M2, C460	Microsoft	Windows Server 2008 x64 w/Hyper-V SP2	Note 1
C200/C210 M1 & M2, C250 M1 & M2	Novell	SUSE Linux Enterprise Server 10 SP3 64bit	
C200/C210 M1 & M2, C250 M1 & M2, C460	Novell	SUSE Linux Enterprise Server 11 64bit	Note 10
C200/C210 M1 & M2, C250 M1 & M2, C460	Novell	SUSE Linux Enterprise Server 11.1 64bit	
C200/C210 M1 & M2, C250 M1 & M2	Oracle	Enterprise Linux 4.8 64bit	
C200/C210 M1 & M2, C250 M1 & M2	Oracle	Enterprise Linux 5.3 64bit	
C200/C210 M1 & M2, C250 M1 & M2, C460	Oracle	Enterprise Linux 5.4 64bit	
C200/C210 M1 & M2, C250 M1 & M2, C460	Oracle	Enterprise Linux 5.5 64bit	
C200/C210 M1 & M2, C250 M1 & M2	Redhat	Enterprise Linux 4.8 64bit	
C200/C210 M1 & M2, C250 M1 & M2	Redhat	Enterprise Linux 5.3 64bit	
C200/C210 M1 & M2, C250 M1 & M2, C460	Redhat	Enterprise Linux 5.4 64bit	Note 9

UCS Server	Vendor	Operating System Version	Notes
C200/C210 M1 & M2, C250 M1 & M2, C460	Redhat	Enterprise Linux 5.5 64bit	
C200/C210 M1 & M2, C250 M1 & M2, C460	Redhat	Enterprise Linux 6.0 64bit	
C200/C210 M1, C250 M1	VMware	ESX 3.5 Update 4	Note 8
C200/C210 M1, C250 M1	VMware	ESX 3.5 Update 5	
C200/C210 M1, C250 M1	VMware	vSphere 4.0	Note 8
C200/C210 M1, C250 M1	VMware	vSphere 4.0i	Note 8
C200/C210 M1 & M2, C250 M1 & M2	VMware	vSphere 4.0i U1	
C200/C210 M1 & M2, C250 M1 & M2, C460	VMware	vSphere 4.0 U1	
C200/C210 M1 & M2, C250 M1 & M2, C460	VMware	vSphere 4.0 U2	
C200/C210 M1 & M2, C250 M1 & M2, C460	VMware	vSphere 4.0i U2	
C200/C210 M1 & M2, C250 M1 & M2, C460	VMware	vSphere 4.1	
C200/C210 M1 & M2, C250 M1 & M2, C460	VMware	vSphere 4.1i	

Converged Network Adapter Interoperability Matrix

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

Table 2: Converged Network Adapters

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M2, C250 M2, C460	Cisco	P81E Dual Port 10-Gbps Ethernet to PCIe Virtual Interface Card	SUSE Linux Enterprise Server 11.1 64bit	1.4.0.145 / 1.4.1.5 (NIC)	1.4(1i)		

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M2, C250 M2, C460	Cisco	P81E Dual Port 10-Gbps Ethernet to PCIe Virtual Interface Card	Enterprise Linux 5.5 64bit	1.4.0.145 / 1.4.1.5 (NIC)	1.4(1i)		Note 2
C200/C210 M2, C250 M2, C460	Cisco	P81E Dual Port 10-Gbps Ethernet to PCIe Virtual Interface Card	Enterprise Linux 6.0 64bit	1.4.0.145 / 1.4.1.5 (NIC)	1.4(1i)		
C200/C210 M2, C250 M2, C460	Cisco	P81E Dual Port 10-Gbps Ethernet to PCIe Virtual Interface Card	vSphere 4.0 U2	1.4.0.195 / 1.4.2.9 (NIC)	1.4(1i)		Note 11
C200/C210 M2, C250 M2, C460	Cisco	P81E Dual Port 10-Gbps Ethernet to PCIe Virtual Interface Card	vSphere 4.0i U2	1.4.0.195 / 1.4.2.9 (NIC)	1.4(1i)		Note 11
C200/C210 M2, C250 M2, C460	Cisco	P81E Dual Port 10-Gbps Ethernet to PCIe Virtual Interface Card	vSphere 4.1	1.4.0.195 / 1.4.2.9 (NIC)	1.4(1i)		Note 11
C200/C210 M2, C250 M2, C460	Cisco	P81E Dual Port 10-Gbps Ethernet to PCIe Virtual Interface Card	vSphere 4.1i	1.4.0.195 / 1.4.2.9 (NIC)	1.4(1i)		Note 11

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Ethernet to PCIe Virtual Interface Card					
C200/C210 M2, C250 M2, C460	Cisco	P81E Dual Port 10-Gbps Ethernet to PCIe Virtual Interface Card	Windows Server 2008 x64 w/Hyper-V	2.0.1.3 (Both)	1.4(1i)		
C200/C210 M2, C250 M2, C460	Cisco	P81E Dual Port 10-Gbps Ethernet to PCIe Virtual Interface Card	Windows Server 2008 R2 x64 w/Hyper-V	2.0.1.3 (Both)	1.4(1i)		
C200/C210 M1 & M2, C250 M1 & M2	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Enterprise Linux 5.3 64bit	8.2.0.78.4p-1 / 2.102.435.2 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Enterprise Linux 5.4 64bit	8.2.0.78.4p-1 / 2.102.435.0 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps	Enterprise Linux 5.5 64bit	8.2.0.78.4p/ 2.102.435.0 (NIC)	2.702.517.6	4.01a3	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
& M2, C460		Ethernet to PCIe Converged Network Adapter					
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Enterprise Linux 6.0 64bit	8.3.5.17/ 2.102.426r (NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1 & M2	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	SUSE Linux Enterprise Server 10 SP3 64bit	8.2.0.78.4p-1 / 2.102.435.0 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	SUSE Linux Enterprise Server 11 64bit	8.2.8.47.4p / 2.102.435.0 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	SUSE Linux Enterprise Server 11.1 64bit	8.3.5.15.4p-1 / 2.102.435.0(NIC)	2.702.517.6	4.01a3	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1, C250 M1	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0	8.2.0.79.25 / 2.102.440.0 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1, C250 M1	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0i	8.2.0.79.25 / 2.102.440.0 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0 U1	8.2.0.79.25 / 2.102.440.0 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0i U1	8.2.0.79.25 / 2.102.440.0 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged	vSphere 4.0 U2	8.2.0.79.25 / 2.102.440.0 (NIC)	2.702.517.6	4.01a3	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Network Adapter					
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0i U2	8.2.0.79.25 / 2.102.440.0 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.1	8.2.1.79.25 / 2.102.440.0(NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.1i	8.2.1.79.25 / 2.102.440.0(NIC)	2.702.517.6	4.01a3	
C200/C210 M1, C250 M1	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Windows Server 2003 x64	7.2.33.901/ 2.102.435.0 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1, C250 M1	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to	Windows Server 2003 x86	5.2.33.901 / 2.102.435.0 (NIC)	2.702.517.6	4.01a3	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		PCIe Converged Network Adapter					
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Windows Server 2008 R2 x64 w/Hyper-V	7.2.33.901/2.102.435.0 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	OneConnect OCEl0102-FX Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Windows Server 2008 x64 w/Hyper-V	7.2.33.901/2.102.435.0 (NIC)	2.702.517.6	4.01a3	
C200/C210 M1 & M2, C250 M1 & M2	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Enterprise Linux 5.3 64bit	8.03.00.09.05.04-k / 1.0.0.23 (NIC)	5.03.02	2.14 / 3.09	
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Enterprise Linux 5.4 64bit	8.03.00.10.05.04-k / 1.0.0.23 (NIC)	5.03.02	2.14 / 3.09	
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe	Enterprise Linux 5.5 64bit	8.03.01.04.05.05-k / 1.0.0.23 (NIC)	5.03.02	2.14 / 3.09	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Converged Network Adapter					
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Enterprise Linux 6.0 64bit	803.01.05.06.0k8/ 1.0.0.23	5.03.02	2.14 / 3.09	
C200/C210 M1 & M2, C250 M1 & M2	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	SUSE Linux Enterprise Server 10 SP3 64bit	803.00.10.103-k4 / 1.0.0.23 (NIC)	5.03.02	2.14 / 3.09	
C200/C210 M1 & M2, C250 M1 & M2, 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 / 1.0.0.23 (NIC)	5.03.02	2.14 / 3.09	
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	SUSE Linux Enterprise Server 11.1 64bit	803.01.06.11.1-k8 / v1.0.0.23.0.0-01 (NIC)	5.03.02	2.14 / 3.09	
C200/C210 M1, C250 M1	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0	832k127.1-lvmw / 1.0.0.39 (NIC)	5.03.02	2.14 / 3.09	Note 5

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1, C250 M1	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0i	832k1.27.1-lvmw / 1.0.0.39 (NIC)	5.03.02	2.14 / 3.09	Note 5
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0 U1	832k1.27.1-lvmw / 1.0.0.39 (NIC)	5.03.02	2.14 / 3.09	Note 5
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0i U1	832k1.27.1-lvmw / 1.0.0.39 (NIC)	5.03.02	2.14 / 3.09	Note 5
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0 U2	832k1.27.1-lvmw / 1.0.0.39 (NIC)	5.03.02	2.14 / 3.09	Note 5
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.0i U2	832k1.27.1-lvmw / 1.0.0.39 (NIC)	5.03.02	2.14 / 3.09	Note 5
C200/C210 M1 & M2, C250 M1	QLogic	QLE8152 Dual Port 10-Gbps	vSphere 4.1	832k1.27.1-lvmw /	5.03.02	2.14 / 3.09	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
& M2, C460		Ethernet to PCIe Converged Network Adapter		1.0.0.39-041510 (NIC)			
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	vSphere 4.1i	832k127.1-lvmw / 1.0.0.39-041510 (NIC)	5.03.02	2.14 / 3.09	
C200/C210 M1, C250 M1	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Windows Server 2003 x64	9.1.8.27 / 1.0.1.2 (NIC)	5.03.02	2.14 / 3.09	
C200/C210 M1, C250 M1	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Windows Server 2003 x86	9.1.8.27 / 1.0.1.2 (NIC)	5.03.02	2.14 / 3.09	
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged Network Adapter	Windows Server 2008 R2 x64 w/Hyper-V	9.1.8.27 / 1.0.1.2 (NIC)	5.03.02	2.14 / 3.09	
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	QLE8152 Dual Port 10-Gbps Ethernet to PCIe Converged	Windows Server 2008 x64 w/Hyper-V	9.1.8.27 / 1.0.1.2 (NIC)	5.03.02	2.14 / 3.09	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		Network Adapter					

Host Bus Adapter Interoperability Matrix

Table 3 lists the host bus adapters that the Unified Computing System C Series Servers support.

Table 3: Host Bus Adapters

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS
C200/C210 M1 & M2, C250 M1 & M2	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Enterprise Linux 4.8 64bit	8.0.16.46	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Enterprise Linux 5.3 64bit	8.2.0.78.4p-1	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Enterprise Linux 5.4 64bit	8.2.0.78.4p-1	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Enterprise Linux 5.5 64bit	8.2.0.78.4p	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Enterprise Linux 6.0 64bit	8.3.5.17	2.82a4	2.02a2

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS
C200/C210 M1 & M2, C250 M1 & M2	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	SUSE Linux Enterprise Server 10 SP3 64bit	8.2.0.78.4p-1	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	SUSE Linux Enterprise Server 11 64bit	8.2.8.47.4p	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	SUSE Linux Enterprise Server 11.1 64bit	8.2.8.47.4p	2.82a4	2.02a2
C200/C210 M1, C250 M1	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	ESX 3.5 Update 4	7.4.0.40	2.82a4	2.02a2
C200/C210 M1, C250 M1	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	ESX 3.5 Update 5	7.4.0.40.3	2.82a4	2.02a2
C200/C210 M1, C250 M1	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.0	8.2.0.30.49vmw	2.82a4	2.02a2
C200/C210 M1, C250 M1	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.0i	8.2.0.30.49vmw	2.82a4	2.02a2

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.0 U1	8.2.0.30.52vmw	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.0i U1	8.2.0.30.52vmw	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.0 U2	8.2.0.30.52vmw	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.0i U2	8.2.0.30.52vmw	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.1	8.2.1.30.1-58vmw	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	vSphere 4.1i	8.2.1.30.1-58vmw	2.82a4	2.02a2
C200/C210 M1, C250 M1	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Windows Server 2003 x64	7.2.33.5	2.82a4	2.02a2

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS
C200/C210 M1, C250 M1	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Windows Server 2003 x86	5.2.33.5	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Windows Server 2008 R2 x64 w/Hyper-V	7.2.33.5	2.82a4	2.02a2
C200/C210 M1 & M2, C250 M1 & M2, C460	Emulex	LightPulse LPe11002 4-Gbps Fibre Channel PCI Express Host Bus Adapter	Windows Server 2008 x64 w/Hyper-V	7.2.33.5	2.82a4	2.02a2
C200/C210 M2, C250 M2	QLogic	SANblade QLE2562 8-Gbps Fibre Channel to PCI Express Host Bus Adapter	Enterprise Linux 5.5 64bit	8.03.01.04.05.05-k	4.06.02	2.10
C200/C210 M2, C250 M2	QLogic	SANblade QLE2562 8-Gbps Fibre Channel to PCI Express Host Bus Adapter	Windows Server 2008 R2 x64 w/Hyper-V	9.1.8.25	4.06.02	2.10
C200/C210 M2, C250 M2	QLogic	SANblade QLE2562 8-Gbps Fibre Channel to PCI Express Host Bus Adapter	Windows Server 2008 x64 w/Hyper-V	9.1.8.25	4.06.02	2.10

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS
C200/C210 M1 & M2, C250 M1 & M2	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	Enterprise Linux 4.8 64bit	8.02.09.02.04.08-d	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	Enterprise Linux 5.3 64bit	8.03.00.09.05.04-k	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	Enterprise Linux 5.4 64bit	8.03.00.10.05.04-k	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	Enterprise Linux 5.5 64bit	8.03.01.04.05.05-k	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	Enterprise Linux 6.0 64bit	8.03.01.05.06.0-k8	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	SUSE Linux Enterprise Server 10 SP3 64bit	8.03.00.10.10.3-k4	4.06.02	2.10/2.04

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	SUSE Linux Enterprise Server 11 64bit	8.03.00.08.11.0-k4	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	SUSE Linux Enterprise Server 11.1 64bit	8.03.01.06.11.1-k8	4.06.02	2.10/2.04
C200/C210 M1, C250 M1	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	ESX 3.5 Update 4	7.09-vm6	4.06.02	2.10/2.04
C200/C210 M1, C250 M1	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	ESX 3.5 Update 5	7.08-vm67	4.06.02	2.10/2.04
C200/C210 M1, C250 M1	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.0	832.k1.27.1-lvmw	4.06.02	2.10/2.04
C200/C210 M1, C250 M1	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.0i	832.k1.27.1-lvmw	4.06.02	2.10/2.04

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.0 U1	832.k1.27.1-1vmw	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.0i U1	832.k1.27.1-1vmw	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.0 U2	832.k1.27.1-1vmw	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.0i U2	832.k1.27.1-1vmw	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.1	832.k1.27.1-1vmw	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	vSphere 4.1i	832.k1.27.1-1vmw	4.06.02	2.10/2.04

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS
C200/C210 M1, C250 M1	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	Windows Server 2003 x64	9.1.8.25	4.06.02	2.10/2.04
C200/C210 M1, C250 M1	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	Windows Server 2003 x86	9.1.8.25	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2, C460	QLogic	SANblade QLE2462 4-Gbps Fibre Channel to PCI Express Host Bus Adapter	Windows Server 2008 R2 x64 w/Hyper-V	9.1.8.25	4.06.02	2.10/2.04
C200/C210 M1 & M2, C250 M1 & M2, 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	2.10/2.04

LAN on Motherboard Interoperability Matrix

Table 4 lists the LAN on motherboard adapters that the Unified Computing System C Series Servers support.

Table 4: LAN on Motherboard

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C250 M1 & M2	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Enterprise Linux 4.8 64bit	2.0.8e	6.0.0	6.0.11	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C250 M1 & M2	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Enterprise Linux 5.3 64bit	2.0.8e	6.0.0	6.0.11	
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Enterprise Linux 5.4 64bit	2.0.8e	6.0.0	6.0.11	
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Enterprise Linux 5.5 64bit	2.0.18c	6.0.0	6.0.11	
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Enterprise Linux 6.0 64bit	2.0.18c	6.0.0	6.0.11	
C250 M1 & M2	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	SUSE Linux Enterprise Server 10 SP3 64bit	2.0.8e	6.0.0	6.0.11	
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	SUSE Linux Enterprise Server 11 64bit	2.0.8e	6.0.0	6.0.11	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	SUSE Linux Enterprise Server 11.1 64bit	2.0.18c	6.0.0	6.0.11	
C250 M1	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	ESX 3.5 Update 4	1.5.10b.1	6.0.0	6.0.11	
C250 M1	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	ESX 3.5 Update 5	1.6.9	6.0.0	6.0.11	
C250 M1	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	vSphere 4.0	2.0.15g.8.v40.1	6.0.0	6.0.11	
C250 M1	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	vSphere 4.0i	2.0.15g.8.v40.1	6.0.0	6.0.11	
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	vSphere 4.0 U1	2.0.15g.8.v40.1	6.0.0	6.0.11	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	vSphere 4.0i U1	2.0.15g.8.v40.1	6.0.0	6.0.11	
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	vSphere 4.0 U2	2.0.15g.8.v40.1	6.0.0	6.0.11	
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	vSphere 4.0i U2	2.0.15g.8.v40.1	6.0.0	6.0.11	
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	vSphere 4.1	2.0.15g.8.v41.1	6.0.0	6.0.11	
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	vSphere 4.1i	2.0.15g.8.v41.1	6.0.0	6.0.11	
C250 M1	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Windows Server 2003 x64	6.0.27.0 / 6.0.12.0 (iSCSI)	6.0.0	6.0.11	Note 3

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C250 M1	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Windows Server 2003 x86	6.0.27.0 / 6.0.12.0 (iSCSI)	6.0.0	6.0.11	Note 3
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Windows Server 2008 R2 x64 w/Hyper-V	6.0.29.0 / 6.0.12.0 (iSCSI)	6.0.0	6.0.11	
C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Quad Port Gigabit Ethernet Onboard Controller	Windows Server 2008 x64 w/Hyper-V	6.0.29.0 / 6.0.12.0 (iSCSI)	6.0.0	6.0.11	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	Enterprise Linux 5.4 64bit	1.52.17	6.0.35	6.0.39	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	Enterprise Linux 5.5 64bit	1.60.51	6.0.35	6.0.39	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	Enterprise Linux 6.0 64bit	1.60.51	6.0.35	6.0.39	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	SUSE Linux Enterprise Server 11 64bit	1.52.17	6.0.35	6.0.39	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	SUSE Linux Enterprise Server 11.1 64bit	1.60.51	6.0.35	6.0.39	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	vSphere 4.0 U1	1.52.12.v40.3	6.0.35	6.0.39	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	vSphere 4.0i U1	1.52.12.v40.3	6.0.35	6.0.39	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	vSphere 4.0 U2	1.52.12.v40.3	6.0.35	6.0.39	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	vSphere 4.0i U2	1.52.12.v40.3	6.0.35	6.0.39	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	vSphere 4.1	1.60.50.v41.2	6.0.35	6.0.39	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	vSphere 4.1i	1.60.50.v41.2	6.0.35	6.0.39	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	Windows Server 2008 R2 x64 w/Hyper-V	6.0.29.0 / 6.0.12.0 (iSCSI)	6.0.35	6.0.39	
C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet Onboard Controller	Windows Server 2008 x64 w/Hyper-V	6.0.29.0 / 6.0.12.0 (iSCSI)	6.0.35	6.0.39	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	Enterprise Linux 4.8 64bit	2.2.9	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	Enterprise Linux 5.3 64bit	2.2.9	1.4-3	1.3.35	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	Enterprise Linux 5.4 64bit	2.2.9	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	Enterprise Linux 5.5 64bit	2.2.9	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	Enterprise Linux 6.0 64bit	2.1.0-k2	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	SUSE Linux Enterprise Server 10 SP3 64bit	2.2.9	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	SUSE Linux Enterprise Server 11 64bit	2.2.9	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	SUSE Linux Enterprise Server 11.1 64bit	2.2.9	1.4-3	1.3.35	
C200/C210 M1	Intel	82576 Gigabit Ethernet Onboard Controller	ESX 3.5 Update 4	1.3.19.15.2.1	1.4-3	1.3.35	Note 5
C200/C210 M1	Intel	82576 Gigabit Ethernet Onboard Controller	ESX 3.5 Update 5	1.3.19.15.2.1	1.4-3	1.3.35	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1	Intel	82576 Gigabit Ethernet Onboard Controller	vSphere 4.0	400.2.1.10.2	1.4-3	1.3.35	Note 5
C200/C210 M1	Intel	82576 Gigabit Ethernet Onboard Controller	vSphere 4.0i	400.2.1.10.2	1.4-3	1.3.35	Note 7
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	vSphere 4.0 U1	400.2.1.10.2	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	vSphere 4.0i U1	400.2.1.10.2	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	vSphere 4.0 U2	400.2.1.10.2	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	vSphere 4.0i U2	400.2.1.10.2	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	vSphere 4.1	400.2.1.10.2	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	vSphere 4.1i	400.2.1.10.2	1.4-3	1.3.35	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1	Intel	82576 Gigabit Ethernet Onboard Controller	Windows Server 2003 x64	11.4.7.0	1.4-3	1.3.35	
C200/C210 M1	Intel	82576 Gigabit Ethernet Onboard Controller	Windows Server 2003 x86	11.4.7.0	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	Windows Server 2008 R2 x64 w/Hyper-V	11.4.7.0	1.4-3	1.3.35	
C200/C210 M1 & M2	Intel	82576 Gigabit Ethernet Onboard Controller	Windows Server 2008 x64 w/Hyper-V	11.4.7.0	1.4-3	1.3.35	

Network Interface Card Interoperability Matrix

Table 5 lists the network interface cards that the Unified Computing System C Series Servers support.

Table 5: Network Interface Cards

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2, C250 M1 & M2	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 4.8 64bit	2.0.8e	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1 & M2	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet	Enterprise Linux 5.3 64bit	2.0.8e	5.2.3	5.2.7	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		PCIe Adapter					
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.4 64bit	2.0.8e / 1.8.12g (ISCSI)	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.5 64bit	2.0.18c / 2.1.3b (ISCSI)	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 6.0 64bit	2.0.18c / 2.1.3b (ISCSI)	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1 & M2	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 10 SP3 64bit	2.0.8e / 1.8.12g (ISCSI)	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11 64bit	2.0.8e	5.2.3	5.2.7	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11.1 64bit	1.60.51 / 2.1.3b (ISCSI)	5.2.3	5.2.7	
C200/C210 M1, C250 M1	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	ESX 3.5 Update 4	1.5.10b.1	5.2.3	5.2.7	
C200/C210 M1, C250 M1	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	ESX 3.5 Update 5	1.6.9	5.2.3	5.2.7	
C200/C210 M1, C250 M1	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0	2.0.15g.8.v40.1	5.2.3	5.2.7	
C200/C210 M1, C250 M1	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0i	2.0.15g.8.v40.1	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1	Broadcom	NetXtreme II 5709 Dual and	vSphere 4.0 U1	2.0.15g.8.v40.1	5.2.3	5.2.7	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
& M2, C460		Quad Port Gigabit Ethernet PCIe Adapter					
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0i U1	2.0.15g.8.v40.1	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0 U2	2.0.15g.8.v40.1	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0i U2	2.0.15g.8.v40.1	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.1	2.0.15g.8.v41.1	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet	vSphere 4.1i	2.0.15g.8.v41.1	5.2.3	5.2.7	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		PCIe Adapter					
C200/C210 M1, C250 M1	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	Windows Server 2003 x64	6.0.27.0 / 6.0.12.0 (iSCSI)	5.2.3	5.2.7	Note 3
C200/C210 M1, C250 M1	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	Windows Server 2003 x86	6.0.27.0 / 6.0.12.0 (iSCSI)	5.2.3	5.2.7	Note 3
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	Windows Server 2008 R2 x64 w/Hyper-V	6.0.29.0 / 6.0.12.0 (iSCSI)	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 5709 Dual and Quad Port Gigabit Ethernet PCIe Adapter	Windows Server 2008 x64 w/Hyper-V	6.0.29.0 / 6.0.12.0 (iSCSI)	5.2.3	5.2.7	
C200/C210 M1 & M2, C250 M1 & M2	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 4.8 64bit	1.52.17	5.2.51	5.2.15	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2, C250 M1 & M2	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.3 64bit	1.52.17	5.2.51	5.2.15	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.4 64bit	1.52.17	5.2.51	5.2.15	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.5 64bit	1.60.51	5.2.51	5.2.15	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 6.0 64bit	1.60.51/21.3b(iSCSI)	5.2.51	5.2.15	
C200/C210 M1 & M2, C250 M1 & M2	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 10 SP3 64bit	1.52.17	5.2.51	5.2.15	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11 64bit	1.52.17	5.2.51	5.2.15	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11.1 64bit	1.60.51	5.2.51	5.2.15	
C200/C210 M1, C250 M1	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0	1.52.12.v40.3	5.2.51	5.2.15	
C200/C210 M1, C250 M1	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0i	1.52.12.v40.3	5.2.51	5.2.15	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0 U1	1.52.12.v40.3	5.2.51	5.2.15	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0i U1	1.52.12.v40.3	5.2.51	5.2.15	
C200/C210 M1 & M2, C250 M1 & M2, 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	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0i U2	1.52.12.v40.3	5.2.51	5.2.15	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.1	1.60.50.v41.2	5.2.51	5.2.15	
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.1i	1.60.50.v41.2	5.2.51	5.2.15	
C200/C210 M1, C250 M1	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Windows Server 2003 x64	6.0.27.0 / 6.0.12.0 (iSCSI)	5.2.51	5.2.15	Note 3
C200/C210 M1, C250 M1	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Windows Server 2003 x86	6.0.27.0 / 6.0.12.0 (iSCSI)	5.2.51	5.2.15	Note 3
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Windows Server 2008 R2 x64 w/Hyper-V	6.0.29.0 / 6.0.12.0 (iSCSI)	5.2.51	5.2.15	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2, C250 M1 & M2, C460	Broadcom	NetXtreme II 57711 Dual Port 10 Gigabit Ethernet PCIe Adapter	Windows Server 2008 x64 w/Hyper-V	6.0.29.0 / 6.0.12.0 (iSCSI)	5.2.51	5.2.15	
C200/C210 M1 & M2, C250 M1 & M2	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 4.8 64bit	2.2.9	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.3 64bit	2.2.9	1.7-3	1.3.50	Note 2
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.4 64bit	2.2.9	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.5 64bit	2.2.9	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Enterprise Linux 6.0 64bit	2.1.0-k2	1.7-3	1.3.50	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2, C250 M1 & M2	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 10 SP3 64bit	2.2.9	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11 64bit	2.2.9	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11.1 64bit	2.2.9	1.7-3	1.3.50	
C200/C210 M1, C250 M1	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	ESX 3.5 Update 4	1.3.19.15.2.1	1.7-3	1.3.50	Note 5
C200/C210 M1, C250 M1	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	ESX 3.5 Update 5	1.3.19.15.2.1	1.7-3	1.3.50	
C200/C210 M1, C250 M1	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0	400.2.1.10.2	1.7-3	1.3.50	Note 5

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1, C250 M1	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0i	400.2.1.10.2	1.7-3	1.3.50	Note 5
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0 U1	400.2.1.10.2	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0i U1	400.2.1.10.2	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0 U2	400.2.1.10.2	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.0i U2	400.2.1.10.2	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.1	400.2.1.10.2	1.7-3	1.3.50	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	vSphere 4.1i	400.2.1.10.2	1.7-3	1.3.50	
C200/C210 M1, C250 M1	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Windows Server 2003 x64	11.4.7.0	1.7-3	1.3.50	
C200/C210 M1, C250 M1	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Windows Server 2003 x86	11.4.7.0	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Windows Server 2008 R2 x64 w/Hyper-V	11.4.7.0	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	82576 based Quad Port Gigabit Ethernet PCIe Adapter	Windows Server 2008 x64 w/Hyper-V	11.4.7.0	1.7-3	1.3.50	
C200/C210 M1 & M2, C250 M1 & M2	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 4.8 64bit	2.0.84.9	0.9-3	2.1.50	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2, C250 M1 & M2	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.3 64bit	2.0.84.9	0.9-3	2.1.50	Note 2
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.4 64bit	2.0.84.9	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 5.5 64bit	2.0.84.9	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Enterprise Linux 6.0 64bit	2.0.62-k2	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 10 SP3 64bit	2.0.84.9	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11 64bit	2.0.84.9	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	SUSE Linux Enterprise Server 11.1 64bit	2.0.84.9	0.9-3	2.1.50	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1, C250 M1	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	ESX 3.5 Update 4	2.0.62.4.8	0.9-3	2.1.50	
C200/C210 M1, C250 M1	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	ESX 3.5 Update 5	2.0.62.4.8	0.9-3	2.1.50	
C200/C210 M1, C250 M1	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0	2.0.84.9	0.9-3	2.1.50	
C200/C210 M1, C250 M1	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0i	2.0.84.9	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0 U1	2.0.84.9	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0i U1	2.0.84.9	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0 U2	2.0.84.9	0.9-3	2.1.50	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.0i U2	2.0.84.9	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.1	2.0.84.9	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	vSphere 4.1i	2.0.84.9	0.9-3	2.1.50	
C200/C210 M1, C250 M1	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Windows Server 2003 x64	2.4.55.0	0.9-3	2.1.50	
C200/C210 M1, C250 M1	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Windows Server 2003 x86	2.4.55.0	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Windows Server 2008 R2 x64 w/Hyper-V	2.4.56.0	0.9-3	2.1.50	
C200/C210 M1 & M2, C250 M1 & M2, C460	Intel	X520 Dual Port 10 Gigabit Ethernet PCIe Adapter	Windows Server 2008 x64 w/Hyper-V	2.4.56.0	0.9-3	2.1.50	

RAID Controller on Motherboard or PCIe Adapter Interoperability Matrix

Table 6 lists the RAID controller on motherboard or PCIe adapters that the Unified Computing System C Series Servers support.

Table 6: RAID Controller on Motherboard or PCIe Adapters

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2	Intel	I/O Controller Hub 10 RAID (ICH10R)	Enterprise Linux 4.8 64bit	13.17.0421.2010			Note 6
C200/C210 M1 & M2	Intel	I/O Controller Hub 10 RAID (ICH10R)	Enterprise Linux 5.3 64bit	13.17.0421.2010			Note 6
C200/C210 M1 & M2	Intel	I/O Controller Hub 10 RAID (ICH10R)	Enterprise Linux 5.4 64bit	13.17.0421.2010			Note 6
C200/C210 M1 & M2	Intel	I/O Controller Hub 10 RAID (ICH10R)	Enterprise Linux 5.5 64bit	13.17.0421.2010			Note 6
C200/C210 M1 & M2	Intel	I/O Controller Hub 10 RAID (ICH10R)	Enterprise Linux 6.0 64bit	Not Supported			
C200/C210 M1 & M2	Intel	I/O Controller Hub 10 RAID (ICH10R)	SUSE Linux Enterprise Server 10 SP3 64bit	13.17.0421.2010			Note 6
C200/C210 M1 & M2	Intel	I/O Controller Hub 10 RAID (ICH10R)	SUSE Linux Enterprise Server 11 64bit	13.17.0421.2010			Note 6

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1	Intel	I/O Controller Hub 10 RAID (ICH10R)	Windows Server 2003 x64	13.21.0614.2010			Note 6
C200/C210 M1	Intel	I/O Controller Hub 10 RAID (ICH10R)	Windows Server 2003 x86	13.21.0614.2010			Note 6
C200/C210 M1 & M2	Intel	I/O Controller Hub 10 RAID (ICH10R)	Windows Server 2008 R2 x64 w/Hyper-V	13.21.0614.2010			Note 6
C200/C210 M1 & M2	Intel	I/O Controller Hub 10 RAID (ICH10R)	Windows Server 2008 x64 w/Hyper-V	13.21.0614.2010			Note 6
C200 M1	LSI	MegaRAID SAS 8708EM2	Enterprise Linux 4.8 64bit	00.00.04.31	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	Enterprise Linux 5.3 64bit	00.00.04.31	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	Enterprise Linux 5.4 64bit	00.00.04.31	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	Enterprise Linux 5.5 64bit	00.00.04.31	140.172-0866	2.07.00	
C200 M2	LSI	MegaRAID SAS 8708EM2	Enterprise Linux 6.0 64bit	00.00.04.28-RH1	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	SUSE Linux Enterprise	00.00.04.31	140.172-0866	2.07.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
			Server 10 SP3 64bit				
C200 M1	LSI	MegaRAID SAS 8708EM2	SUSE Linux Enterprise Server 11 64bit	00.00.04.31	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	SUSE Linux Enterprise Server 11.1 64bit	00.00.04.31	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	ESX 3.5 Update 4	00.00.03.0.9	140.172-0866	2.07.00	Note 4
C200 M1	LSI	MegaRAID SAS 8708EM2	ESX 3.5 Update 5	00.00.03.1.9	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	vSphere 4.0	000003021.11vmw	140.172-0866	2.07.00	Note 4
C200 M1	LSI	MegaRAID SAS 8708EM2	vSphere 4.0i	000003021.11vmw	140.172-0866	2.07.00	Note 4
C200 M1	LSI	MegaRAID SAS 8708EM2	vSphere 4.0 U1	00000408.15vmw	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	vSphere 4.0i U1	00000408.15vmw	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	vSphere 4.0 U2	000004.12.15vmw	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	vSphere 4.0i U2	000004.12.15vmw	140.172-0866	2.07.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200 M1	LSI	MegaRAID SAS 8708EM2	vSphere 4.1	000004:1418-lvmw	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	vSphere 4.1i	000004:1418-lvmw	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	Windows Server 2003 x64	4.25.0.64	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	Windows Server 2003 x86	4.25.0.32	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	Windows Server 2008 R2 x64 w/Hyper-V	4.25.0.64	140.172-0866	2.07.00	
C200 M1	LSI	MegaRAID SAS 8708EM2	Windows Server 2008 x64 w/Hyper-V	4.25.0.64	140.172-0866	2.07.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	Enterprise Linux 4.8 64bit	00.00.04.31	290.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	Enterprise Linux 5.3 64bit	00.00.04.31	290.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	Enterprise Linux 5.4 64bit	00.00.04.31	290.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	Enterprise Linux 5.5 64bit	00.00.04.31	290.73-1051	3.18.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	Enterprise Linux 6.0 64bit	00.00.04.28-RH1	2.90.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	SUSE Linux Enterprise Server 10 SP3 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	SUSE Linux Enterprise Server 11 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	SUSE Linux Enterprise Server 11.1 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	vSphere 4.0 U1	000004.08.15vmw	2.90.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	vSphere 4.0i U1	000004.08.15vmw	2.90.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	vSphere 4.0 U2	000004.12.15vmw	2.90.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	vSphere 4.0i U2	000004.12.15vmw	2.90.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	vSphere 4.1	000004.14.18-1vmw	2.90.73-1051	3.18.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	vSphere 4.1i	0000041418-lvmw	2.90.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	Windows Server 2008 R2 x64 w/Hyper-V	4.25.0.64	2.90.73-1051	3.18.00	
C200 M2	LSI	MegaRAID 9260-4i PCIe RAID Controller	Windows Server 2008 x64 w/Hyper-V	4.25.0.64	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	Enterprise Linux 5.4 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	Enterprise Linux 5.5 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	Enterprise Linux 6.0 64bit	00.00.04.28-RH1	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	SUSE Linux Enterprise Server 11 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	SUSE Linux Enterprise Server 11.1 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	vSphere 4.0 U1	0000040815vmw	2.90.73-1051	3.18.00	

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 U1	000004.08.15vmw	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	vSphere 4.0 U2	000004.12.15vmw	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	vSphere 4.0i U2	000004.12.15vmw	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	vSphere 4.1	000004.14.18-1vmw	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	vSphere 4.1i	000004.14.18-1vmw	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	Windows Server 2008 R2 x64 w/Hyper-V	4.25.0.64	2.90.73-1051	3.18.00	
C460	LSI	MegaRAID 9260-8i PCIe RAID Controller	Windows Server 2008 x64 w/Hyper-V	4.25.0.64	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	Enterprise Linux 4.8 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	Enterprise Linux 5.3 64bit	00.00.04.31	2.90.73-1051	3.18.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	Enterprise Linux 5.4 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	Enterprise Linux 5.5 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	Enterprise Linux 6.0 64bit	00.00.04.28-RH1	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	SUSE Linux Enterprise Server 10 SP3 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	SUSE Linux Enterprise Server 11 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	SUSE Linux Enterprise Server 11.1 64bit	00.00.04.31	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	vSphere 4.0 U1	000004.08.15vmw	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	vSphere 4.0i U1	000004.08.15vmw	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	vSphere 4.0 U2	000004.12.15vmw	2.90.73-1051	3.18.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	vSphere 4.0i U2	000004.12.15.vmmw	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	vSphere 4.1	000004.14.18.vmmw	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	vSphere 4.1i	000004.14.18.vmmw	2.90.73-1051	3.18.00	
C210 M1, C250 M1	LSI	MegaRAID 9261-8i PCIe RAID Controller	Windows Server 2003 x64	4.25.0.64	2.90.73-1051	3.18.00	
C210 M1, C250 M1	LSI	MegaRAID 9261-8i PCIe RAID Controller	Windows Server 2003 x86	4.25.0.32	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	Windows Server 2008 R2 x64 w/Hyper-V	4.25.0.64	2.90.73-1051	3.18.00	
C210 M1 & M2, C250 M1 & M2	LSI	MegaRAID 9261-8i PCIe RAID Controller	Windows Server 2008 x64 w/Hyper-V	4.25.0.64	2.90.73-1051	3.18.00	
C250 M1 & M2	LSI	SAS3081E-R PCIe RAID Controller	Enterprise Linux 4.8 64bit	3.22.00.00	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081E-R PCIe RAID Controller	Enterprise Linux 5.3 64bit	4.22.00.02	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081E-R PCIe RAID Controller	Enterprise Linux 5.4 64bit	4.22.00.02	1.30.00.00	6.30.00.00	Note 2

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C250 M1 & M2	LSI	SAS3081E-R PCIe RAID Controller	Enterprise Linux 5.5 64bit	4.22.00.02	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081E-R PCIe RAID Controller	Enterprise Linux 6.0 64bit	3.04.16	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081E-R PCIe RAID Controller	SUSE Linux Enterprise Server 10 SP3 64bit	4.22.00.02	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081E-R PCIe RAID Controller	SUSE Linux Enterprise Server 11 64bit	4.22.00.02	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081E-R PCIe RAID Controller	SUSE Linux Enterprise Server 11.1 64bit	4.22.00.02	1.30.00.00	6.30.00.00	
C250 M1	LSI	SAS3081E-R PCIe RAID Controller	ESX 3.5 Update 4	2.06.48	1.30.00.00	6.30.00.00	
C250 M1	LSI	SAS3081E-R PCIe RAID Controller	ESX 3.5 Update 5	2.06.74	1.30.00.00	6.30.00.00	
C250 M1	LSI	SAS3081E-R PCIe RAID Controller	vSphere 4.0	40037.0023vmw	1.30.00.00	6.30.00.00	
C250 M1	LSI	SAS3081E-R PCIe RAID Controller	vSphere 4.0i	40037.0023vmw	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081E-R PCIe RAID Controller	vSphere 4.0 U1	40037.0027vmw	1.30.00.00	6.30.00.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C250 M1 & M2	LSI	SAS3081ER PCIe RAID Controller	vSphere 4.0i U1	40037.00.27vmw	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081ER PCIe RAID Controller	vSphere 4.0 U2	40037.00.29vmw	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081ER PCIe RAID Controller	vSphere 4.0i U2	40037.00.29vmw	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081ER PCIe RAID Controller	vSphere 4.1	4.12.15vmw	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081ER PCIe RAID Controller	vSphere 4.1i	4.12.15vmw	1.30.00.00	6.30.00.00	
C250 M1	LSI	SAS3081ER PCIe RAID Controller	Windows Server 2003 x64	1.31.02.00	1.30.00.00	6.30.00.00	
C250 M1	LSI	SAS3081ER PCIe RAID Controller	Windows Server 2003 x86	1.31.02.00	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081ER PCIe RAID Controller	Windows Server 2008 R2 x64 w/Hyper-V	1.31.02.00	1.30.00.00	6.30.00.00	
C250 M1 & M2	LSI	SAS3081ER PCIe RAID Controller	Windows Server 2008 x64 w/Hyper-V	1.31.02.00	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	Enterprise Linux 4.8 64bit	3.22.00.00	1.30.00.00	6.30.00.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	Enterprise Linux 5.3 64bit	4.22.00.02	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	Enterprise Linux 5.4 64bit	4.22.00.02	1.30.00.00	6.30.00.00	Note 2
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	Enterprise Linux 5.5 64bit	4.22.00.02	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	Enterprise Linux 6.0 64bit	3.04.16	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	SUSE Linux Enterprise Server 10 SP3 64bit	4.22.00.02	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	SUSE Linux Enterprise Server 11 64bit	4.22.00.02	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	SUSE Linux Enterprise Server 11.1 64bit	4.22.00.02	1.30.00.00	6.30.00.00	
C200/C210 M1	LSI	1064E Controller Based Mezzanine Adapter	ESX 3.5 Update 4	2.06.48	1.30.00.00	6.30.00.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1	LSI	1064E Controller Based Mezzanine Adapter	ESX 3.5 Update 5	2.06.74	1.30.00.00	6.30.00.00	
C200/C210 M1	LSI	1064E Controller Based Mezzanine Adapter	vSphere 4.0	400370023vmw	1.30.00.00	6.30.00.00	
C200/C210 M1	LSI	1064E Controller Based Mezzanine Adapter	vSphere 4.0i	400370023vmw	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	vSphere 4.0 U1	400370027vmw	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	vSphere 4.0i U1	400370027vmw	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	vSphere 4.0 U2	400370029vmw	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	vSphere 4.0i U2	400370029vmw	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	vSphere 4.1	421.0001.1-5vmw	1.30.00.00	6.30.00.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	vSphere 4.1i	4210001.1-5vmw	1.30.00.00	6.30.00.00	
C200/C210 M1	LSI	1064E Controller Based Mezzanine Adapter	Windows Server 2003 x64	1.31.02.00	1.30.00.00	6.30.00.00	
C200/C210 M1	LSI	1064E Controller Based Mezzanine Adapter	Windows Server 2003 x86	1.31.02.00	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	Windows Server 2008 R2 x64 w/Hyper-V	1.31.02.00	1.30.00.00	6.30.00.00	
C200/C210 M1 & M2	LSI	1064E Controller Based Mezzanine Adapter	Windows Server 2008 x64 w/Hyper-V	1.31.02.00	1.30.00.00	6.30.00.00	
C460	LSI	MegaRAID 9240-8i PCIe RAID Controller	Enterprise Linux 5.4 64bit	00.00.04.31	290.74-1051	4.18.00	
C460	LSI	MegaRAID 9240-8i PCIe RAID Controller	Enterprise Linux 5.5 64bit	00.00.04.31	290.74-1051	4.18.00	
C460	LSI	MegaRAID 9240-8i PCIe RAID Controller	Enterprise Linux 6.0 64bit	00.00.04.28-RH1	290.74-1051	4.18.00	
C460	LSI	MegaRAID 9240-8i	SUSE Linux Enterprise	00.00.04.31	290.74-1051	4.18.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		PCIe RAID Controller	Server 11 64bit				
C460	LSI	MegaRAID 9240-8i PCIe RAID Controller	SUSE Linux Enterprise Server 11.1 64bit	00.00.04.31	290.74-1051	4.18.00	
C460	LSI	MegaRAID 9240-8i PCIe RAID Controller	vSphere 4.0 U1	000004.08.15vmw	290.74-1051	4.18.00	
C460	LSI	MegaRAID 9240-8i PCIe RAID Controller	vSphere 4.0i U1	000004.08.15vmw	290.74-1051	4.18.00	
C460	LSI	MegaRAID 9240-8i PCIe RAID Controller	vSphere 4.0 U2	000004.12.15vmw	290.74-1051	4.18.00	
C460	LSI	MegaRAID 9240-8i PCIe RAID Controller	vSphere 4.0i U2	000004.12.15vmw	290.74-1051	4.18.00	
C460	LSI	MegaRAID 9240-8i PCIe RAID Controller	vSphere 4.1	000004.14.18-1vmw	290.74-1051	4.18.00	
C460	LSI	MegaRAID 9240-8i PCIe RAID Controller	vSphere 4.1i				Issue
C460	LSI	MegaRAID 9240-8i PCIe RAID Controller	Windows Server 2008 R2 x64 w/Hyper-V	4.25.0.64	290.74-1051	4.18.00	
C460	LSI	MegaRAID 9240-8i	Windows Server	4.25.0.64	290.74-1051	4.18.00	

UCS Server	Vendor	Adapter Model	Operating System	Adapter Driver	Adapter Firmware	Adapter Boot Code / BIOS	Notes
		PCIe RAID Controller	2008 x64 w/Hyper-V				

Notes

- 1 Requires Intel 55xx chipset drivers from download.intel.com
- 2 Requires reboot after driver installation
- 3 In an iSCSI Boot environment, Microsoft KB943295 must be installed
- 4 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>
- 5 Netqueue not supported
- 6 Driver version is for Software RAID
- 7 Only supported with device ID 10C9, update available
- 8 55xx processor family supported, this OS version does not support the 56xx processor family
- 9 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
- 10 SLES kernel 2.6.27.45-0.1.1 (or newer) required for Nehalem EX processor support
- 11 Certification is pending for supported driver

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>

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS version 2.0.