



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.

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For information about Fibre Channel Switch and Storage Array interoperability, consult the [Cisco UCS Storage Interoperability Matrix](#).

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.

This document applies to the B Series Servers in Cisco Unified Computing System Release 2.0(1). The content of this document is updated on a regular basis. The current version was created on 2013-03-07.

Operating System Interoperability Matrix

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

Table 1: Operating System

| UCS Blade Server | Vendor | Operating System Version | Notes |
|---|---------------|---|----------------|
| M2 of B200, B250, B230 and B440 | Citrix | XenServer 5.6 SP2 | |
| M2 of B200, B250, B230 and B440 | Citrix | XenServer 6.0 | |
| M1 and M2 of B200, B250, B230, and B440 | Microsoft | Windows Server 2008 x64 SP1 | 27 |
| M1 and M2 of B200, B250, B230, and B440 | Microsoft | Windows Server 2008 x64 SP2 | 27 |
| M1 and M2 of B200, B250, B230, and B440 | Microsoft | Windows Server 2008 R2 x64 | 27, 29 |
| M1 and M2 of B200, B250, B230, and B440 | Microsoft | Windows Server 2008 R2 x64 SP1 | 27, 29 |
| B200 and B250 M1 & M2 | Novell | SUSE Linux Enterprise Server 10.3 64bit | |
| B200 and B250 M1 & M2 | Novell | SUSE Linux Enterprise Server 10.4 64bit | |
| M1 and M2 of B200, B250, B230, and B440 | Novell | SUSE Linux Enterprise Server 11.1 64bit | 28 |
| B200 and B250 M1 & M2 and B440 M1 | Oracle | Enterprise Linux 5.4 64bit | 16, 17, 18, 22 |
| M1 and M2 of B200, B250, B230, and B440 | Oracle | Enterprise Linux 5.5 64bit | |
| M1 and M2 of B200, B250, B230, and B440 | Oracle | Linux 5.6 64bit | |
| M1 and M2 of B200, B250, B230, and B440 | Oracle | Linux 5.7 64bit | 15 |
| B200 and B250 M2, B230 and B440 M1 & M2 | Oracle | Linux 6.0 64bit | |
| B200 and B250 M2, B230 and B440 M1 & M2 | Oracle | Linux 6.1 64bit | 15 |

| UCS Blade Server | Vendor | Operating System Version | Notes |
|---|---------------|---------------------------------|-------------------|
| B200 and B250 M2, B230 and B440 M1 & M2 | Oracle | Linux 6.2 64bit | 15 |
| B200 and B250 M2 | Oracle | Solaris 10 10/09 (U8) | |
| M2 of B200, B250, B230 and B440 | Oracle | Solaris 10 09/10 (U9) | |
| B200 and B250 M1 & M2 | Red Hat | Enterprise Linux 4.8 64bit | |
| B200 and B250 M1 & M2 | Red Hat | Enterprise Linux 4.9 64bit | |
| B200 and B250 M1 & M2 and B440 M1 | Red Hat | Enterprise Linux 5.4 64bit | 16, 17, 18, 22 |
| M1 and M2 of B200, B250, B230, and B440 | Red Hat | Enterprise Linux 5.5 64bit | |
| M1 and M2 of B200, B250, B230, and B440 | Red Hat | Enterprise Linux 5.6 64bit | |
| M1 and M2 of B200, B250, B230, and B440 | Red Hat | Enterprise Linux 5.7 64bit | 15 |
| B200 and B250 M2, B230 and B440 M1 & M2 | Red Hat | Enterprise Linux 6.0 64bit | |
| B200 and B250 M2, B230 and B440 M1 & M2 | Red Hat | Enterprise Linux 6.1 64bit | |
| B200 and B250 M2, B230 and B440 M1 & M2 | Red Hat | Enterprise Linux 6.2 64bit | |
| B200 and B250 M1 | VMware | vSphere 4.0 | 21 |
| B200 and B250 M1 | VMware | vSphere 4.0i | 21, 26 |
| B200 and B250 M1 & M2 and B440 M1 | VMware | vSphere 4.0 U1 | 5, 19, 20, 24 |
| B200 and B250 M1 & M2 and B440 M1 | VMware | vSphere 4.0i U1 | 5, 19, 20, 24, 26 |

| UCS Blade Server | Vendor | Operating System Version | Notes |
|---|--------|--------------------------|----------------|
| B200 and B250 M1 & M2, B230 and B440 M1 | VMware | vSphere 4.0 U2 | 24 |
| B200 and B250 M1 & M2, B230 and B440 M1 | VMware | vSphere 4.0i U2 | 24, 25, 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | VMware | vSphere 4.0 U3 | 24 |
| B200 and B250 M1 & M2, B230 and B440 M1 | VMware | vSphere 4.0i U3 | 11, 24, 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | VMware | vSphere 4.0 U4 | 24 |
| B200 and B250 M1 & M2, B230 and B440 M1 | VMware | vSphere 4.0i U4 | 11, 24, 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | VMware | vSphere 4.1 | 24 |
| B200 and B250 M1 & M2, B230 and B440 M1 | VMware | vSphere 4.1i | 24, 25, 26 |
| M1 and M2 of B200, B250, B230, and B440 | VMware | vSphere 4.1 U1 | 24, 25 |
| M1 and M2 of B200, B250, B230, and B440 | VMware | vSphere 4.1i U1 | 10, 24, 25, 26 |
| M1 and M2 of B200, B250, B230, and B440 | VMware | vSphere 4.1 U2 | 24, 25 |
| M1 and M2 of B200, B250, B230, and B440 | VMware | vSphere 4.1i U2 | 10, 24, 25, 26 |
| M1 and M2 of B200, B250, B230, and B440 | VMware | vSphere 5.0 | 26 |

VM-FEX Software Interoperability Matrix

Table 2 lists the VM-FEX software that the Unified Computing System B Series Servers support.

Table 2: VM-FEX Software

| Software Type | Software Version | Operating System | Driver |
|---------------|------------------|------------------|---------------------------|
| VM-FEX | VEM400-201108405 | vSphere 4.0 U3 | v132-4.2.1.1.4.1.0-1.20.4 |

| Software Type | Software Version | Operating System | Driver |
|---------------|----------------------------------|-----------------------------------|---------------------------|
| VM-FEX | VEM400-201108405 | vSphere 4.0i U3 | v132-4.2.1.1.4.1.0-1.20.4 |
| VM-FEX | VEM400-201108405 | vSphere 4.0 U4 | v132-4.2.1.1.4.1.0-1.20.4 |
| VM-FEX | VEM400-201108405 | vSphere 4.0i U4 | v132-4.2.1.1.4.1.0-1.20.4 |
| VM-FEX | VEM410-201108406 | vSphere 4.1 U1 | v132-4.2.1.1.4.1.0-2.0.4 |
| VM-FEX | VEM410-201108406 | vSphere 4.1i U1 | v132-4.2.1.1.4.1.0-2.0.4 |
| VM-FEX | VEM410-201108406 | vSphere 4.1 U2 | v132-4.2.1.1.4.1.0-2.0.4 |
| VM-FEX | VEM410-201108406 | vSphere 4.1i U2 | v132-4.2.1.1.4.1.0-2.0.4 |
| VM-FEX | VEM500-20110825132140-BG-release | vSphere 5.0 | v132-4.2.1.1.4.1.0-3.0.4 |
| VM-FEX | 2.0(1) | Redhat Enterprise Linux 6.1 64bit | 2.0(1) |
| VM-FEX | 2.0(1) | Redhat Enterprise Linux 6.2 64bit | 2.0(1) |

Converged Network Adapter Interoperability Matrix

Table 3 lists the converged network adapters that the Unified Computing System B Series Servers support.

Table 3: Converged Network Adapters

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|----------------------------------|----------------------|----------------------------|------------------|--------|
| B200 and B250 M1 & M2 and B440 M1 | UCS M81KR Virtual Interface Card | RHEL / OEL 5.4 64bit | 1.1.1c / 2.1.1.24 (NIC) | 2.0(1) | 17 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | RHEL / OEL 5.5 64bit | 1.5.0.1 / 2.1.1.24 (NIC) | 2.0(1) | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | RHEL / OL 5.6 64bit | 1.4.0.145 / 2.1.1.24 (NIC) | 2.0(1) | 12, 15 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | RHEL / OL 5.7 64bit | 1.5.0.1 / 2.1.1.24 (NIC) | 2.0(1) | 12, 15 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|----------------------------------|---|----------------------------|------------------|--------|
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M81KR Virtual Interface Card | RHEL / OL 6.0 64bit | 1.5.0.1 / 2.1.1.24 (NIC) | 2.0(1) | 12 |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M81KR Virtual Interface Card | RHEL / OL 6.1 64bit | 1.5.0.1 / 2.1.1.24 (NIC) | 2.0(1) | 12 |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M81KR Virtual Interface Card | RHEL / OL 6.2 64bit | 1.5.0.1 / 2.1.1.24 (NIC) | 2.0(1) | 12 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | SUSE Linux Enterprise Server 11.1 64bit | 1.5.0.1 / 2.1.1.24 (NIC) | 2.0(1) | 28 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M81KR Virtual Interface Card | vSphere 4.0 U1 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 25, 31 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M81KR Virtual Interface Card | vSphere 4.0i U1 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 25, 31 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M81KR Virtual Interface Card | vSphere 4.0 U2 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 25, 31 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M81KR Virtual Interface Card | vSphere 4.0i U2 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 26, 31 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M81KR Virtual Interface Card | vSphere 4.0 U3 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 25, 31 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M81KR Virtual Interface Card | vSphere 4.0i U3 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 26, 31 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|----------------------------------|-----------------------------|---|------------------|----------------|
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M81KR Virtual Interface Card | vSphere 4.0 U4 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 25, 31 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M81KR Virtual Interface Card | vSphere 4.0i U4 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 11, 24, 26, 31 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M81KR Virtual Interface Card | vSphere 4.1 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 25, 31 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M81KR Virtual Interface Card | vSphere 4.1i | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 26, 31 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | vSphere 4.1 U1 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 25, 31 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | vSphere 4.1i U1 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 10, 12, 26, 31 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | vSphere 4.1 U2 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 25, 31 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | vSphere 4.1i U2 | 1.4.0.201 / 2.1.2.20 (NIC) | 2.0(1) | 10, 12, 26, 31 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | vSphere 5.0 | 1.5.0.7 / 2.1.2.22 (NIC) | 2.0(1) | 12, 25, 26, 31 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | Windows Server 2008 x64 SP2 | 2.1.0.17 / 2.1.0.9 (NIC) / 2.1.0.4 (NIC Teaming Driver) | 2.0(1) | 30 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | Windows Server 2008 R2 x64 | 2.1.0.17 / 2.1.0.9 (NIC) | 2.0(1) | 12, 29 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---------------------------------------|--------------------------------|---|------------------|------------|
| M1 and M2 of B200, B250, B230, and B440 | UCS M81KR Virtual Interface Card | Windows Server 2008 R2 x64 SP1 | 2.1.0.17 / 2.1.0.9 (NIC) / 2.1.0.4 (NIC Teaming Driver) | 2.0(1) | 12, 29, 30 |
| M2 of B200, B250, B230 and B440 | UCS M81KR Virtual Interface Card | XenServer 5.6 SP2 | 1.4.0.145 / 2.1.1.29 (NIC) | 2.0(1) | 4 |
| M2 of B200, B250, B230 and B440 | UCS M81KR Virtual Interface Card | XenServer 6.0 | 1.4.0.145 / 2.1.1.29 (NIC) | 2.0(1) | 4 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M72KR-E Converged Network Adapter | RHEL / OEL 5.4 64bit | 8.2.0.96 / 2.103.397.0 (NIC) | 2.703.397.3403 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | RHEL / OEL 5.5 64bit | 8.2.0.96 / 2.103.397.0 (NIC) | 2.703.397.3403 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | RHEL / OL 5.6 64bit | 8.2.0.96 / 2.103.397.0 (NIC) | 2.703.397.3403 | 15 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | RHEL / OL 5.7 64bit | 8.2.0.96.2p / 4.0.100r (NIC) | 2.703.397.3403 | 15 |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M72KR-E Converged Network Adapter | RHEL / OL 6.0 64bit | 8.3.5.35 / 2.103.397.0 (NIC) | 2.703.397.3403 | |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M72KR-E Converged Network Adapter | RHEL / OL 6.1 64bit | 8.3.5.30.1p / 2.103.298r (NIC) | 2.703.397.3403 | |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M72KR-E Converged Network Adapter | RHEL / OL 6.2 64bit | 8.3.5.45.4p / 2.103.298r (NIC) | 2.703.397.3403 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---------------------------------------|---|---------------------------------|------------------|-------|
| B200 and B250 M1 & M2 | UCS M72KR-E Converged Network Adapter | SUSE Linux Enterprise Server 10.3 64bit | 8.2.0.96 / 2.103.397.0 (NIC) | 2.703.397.3403 | |
| B200 and B250 M1 & M2 | UCS M72KR-E Converged Network Adapter | SUSE Linux Enterprise Server 10.4 64bit | 8.2.0.92.1p / 2.102.435s (NIC) | 2.703.397.3403 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | SUSE Linux Enterprise Server 11.1 64bit | 8.3.5.35 / 2.103.397.0 (NIC) | 2.703.397.3403 | 28 |
| B200 and B250 M1 | UCS M72KR-E Converged Network Adapter | vSphere 4.0 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 25 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M72KR-E Converged Network Adapter | vSphere 4.0 U1 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-E Converged Network Adapter | vSphere 4.0 U2 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-E Converged Network Adapter | vSphere 4.0i U2 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-E Converged Network Adapter | vSphere 4.0 U3 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-E Converged Network Adapter | vSphere 4.0i U3 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 26 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---------------------------------------|------------------|-------------------------------------|------------------|-------|
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-E Converged Network Adapter | vSphere 4.0 U4 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-E Converged Network Adapter | vSphere 4.0i U4 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-E Converged Network Adapter | vSphere 4.1 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-E Converged Network Adapter | vSphere 4.1i | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 26 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | vSphere 4.1 U1 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 25 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | vSphere 4.1i U1 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 26 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | vSphere 4.1 U2 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 25 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | vSphere 4.1i U2 | 8.2.1.90.28 / 2.103.377.0 (NIC) | 2.703.397.3403 | 26 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | vSphere 5.0 | 8.2.2.1-18vmw / 4.0.88.0-1vmw (NIC) | 2.703.397.3403 | 25 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---------------------------------------|--------------------------------|--------------------------------|------------------|-----------|
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | Windows Server 2008 x64 | 7.2.41.002 / 2.103.389.0 (NIC) | 2.703.397.3403 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | Windows Server 2008 R2 x64 | 7.2.41.002 / 2.103.389.0 (NIC) | 2.703.397.3403 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-E Converged Network Adapter | Windows Server 2008 R2 x64 SP1 | 7.2.41.002 / 2.103.389.0 (NIC) | 2.703.397.3403 | |
| B200 and B250 M1 & M2 | UCS M71KR-E Converged Network Adapter | RHEL 4.8 64bit | 8.0.16.46 | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 | UCS M71KR-E Converged Network Adapter | RHEL 4.9 64bit | 8.0.16.47 | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | RHEL / OEL 5.4 64bit | 8.2.0.96 | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | RHEL / OEL 5.5 64bit | 8.2.0.96 | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | RHEL / OL 5.6 64bit | 8.2.0.96 | 2.80a4 | 8, 13, 15 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | RHEL / OL 5.7 64bit | 8.2.0.96.2p | 2.80a4 | 8, 13, 15 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-----------------------------------|---------------------------------------|---|----------------|------------------|-----------|
| B200 and B250 M1 & M2 | UCS M71KR-E Converged Network Adapter | SUSE Linux Enterprise Server 10.3 64bit | 8.2.0.96 | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 | UCS M71KR-E Converged Network Adapter | SUSE Linux Enterprise Server 10.4 64bit | 8.2.0.92.1p | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | SUSE Linux Enterprise Server 11.1 64bit | 8.3.5.35 | 2.80a4 | 8, 13, 28 |
| B200 and B250 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.0 | 8.2.0.30.49vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.0i | 8.2.0.30.49vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.0 U1 | 8.2.0.30.52vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.0i U1 | 8.2.0.30.52vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.0 U2 | 8.2.0.30.52vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.0i U2 | 8.2.0.30.52vmw | 2.80a4 | 8, 13 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-----------------------------------|---------------------------------------|-------------------------|-----------------------|-------------------------|--------------|
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.0 U3 | 8.2.0.30.52vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.0i U3 | 8.2.0.30.52vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.0 U4 | 8.2.0.30.52vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.0i U4 | 8.2.0.30.52vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.1 | 8.2.1.30.1-58vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.1i | 8.2.1.30.1-58vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.1 U1 | 8.2.1.30.1-58vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.1i U1 | 8.2.1.30.1-58vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.1 U2 | 8.2.1.30.1-58vmw | 2.80a4 | 8, 13 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---------------------------------------|--------------------------------|--|------------------|-------|
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | vSphere 4.1i U2 | 8.2.1.30.1-58vmw | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | Windows Server 2008 x64 | 7.2.41.002 | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | Windows Server 2008 R2 x64 | 7.2.41.002 | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-E Converged Network Adapter | Windows Server 2008 R2 x64 SP1 | 7.2.41.002 | 2.80a4 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M72KR-Q Converged Network Adapter | RHEL / OEL 5.4 64bit | 8.03.03.15.05.06-k / 1.0.00.23 (NIC) | 5.03.06 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | RHEL / OEL 5.5 64bit | 8.03.03.15.05.06-k | 5.03.06 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | RHEL / OL 5.6 64bit | 8.03.01.05.05.06-k | 5.03.06 | 15 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | RHEL / OL 5.7 64bit | 8.03.07.03.05.07-k / 1.0.00.25 (NIC) | 5.03.06 | 15 |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M72KR-Q Converged Network Adapter | RHEL / OL 6.0 64bit | 8.03.01.05.06.0-k8 / 1.00.00.23.00.00-01 (NIC) | 5.03.06 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---------------------------------------|---|---|------------------|-------|
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M72KR-Q Converged Network Adapter | RHEL / OL 6.1 64bit | 8.03.07.03.06.1-k / 1.00.00.27 (NIC) | 5.03.06 | |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M72KR-Q Converged Network Adapter | RHEL / OL 6.2 64bit | 8.03.07.05.06.2-k / 1.00.00.29 (NIC) | 5.03.06 | |
| M2 of B200, B250, B230 and B440 | UCS M72KR-Q Converged Network Adapter | Solaris 10 09/10 | 20100301-3.00 / 100429-v1.05 | 01.02.13 | |
| B200 and B250 M1 & M2 | UCS M72KR-Q Converged Network Adapter | SUSE Linux Enterprise Server 10.3 64bit | 8.03.01.13.10.3-k4 / 1.0.00.23 (NIC) | 5.03.06 | |
| B200 and B250 M1 & M2 | UCS M72KR-Q Converged Network Adapter | SUSE Linux Enterprise Server 10.4 64bit | 8.03.01.12.10.3-k4 / 1.0.00.23 (NIC) | 5.03.06 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | SUSE Linux Enterprise Server 11.1 64bit | 8.03.04.14.11.1-k0 / 1.00.00.23.00.00.1 (NIC) | 5.03.06 | 28 |
| B200 and B250 M1 | UCS M72KR-Q Converged Network Adapter | vSphere 4.0 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 25 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M72KR-Q Converged Network Adapter | vSphere 4.0 U1 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-Q Converged Network Adapter | vSphere 4.0 U2 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 25 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---------------------------------------|------------------|-------------------------------|------------------|-------|
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-Q Converged Network Adapter | vSphere 4.0i U2 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-Q Converged Network Adapter | vSphere 4.0 U3 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-Q Converged Network Adapter | vSphere 4.0i U3 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-Q Converged Network Adapter | vSphere 4.0 U4 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-Q Converged Network Adapter | vSphere 4.0i U4 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-Q Converged Network Adapter | vSphere 4.1 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M72KR-Q Converged Network Adapter | vSphere 4.1i | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 26 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | vSphere 4.1 U1 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 25 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | vSphere 4.1i U1 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 26 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---------------------------------------|--------------------------------|-------------------------------|------------------|--------|
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | vSphere 4.1 U2 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 25 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | vSphere 4.1i U2 | 832.k1.27vmw / 1.0.0.43 (NIC) | 5.03.06 | 26 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | vSphere 5.0 | 832.k1.27vmw / 1.0.0.47 (NIC) | 5.03.06 | 25, 26 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | Windows Server 2008 x64 | 9.1.8.27 / 1.0.1.12 (NIC) | 5.03.06 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | Windows Server 2008 R2 x64 | 9.1.8.27 / 1.0.1.12 (NIC) | 5.03.06 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M72KR-Q Converged Network Adapter | Windows Server 2008 R2 x64 SP1 | 9.1.8.27 / 1.0.1.12 (NIC) | 5.03.06 | |
| B200 and B250 M1 & M2 | UCS M71KR-Q Converged Network Adapter | RHEL 4.8 64bit | 8.02.09.02.04.08-d | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 | UCS M71KR-Q Converged Network Adapter | RHEL 4.9 64bit | 8.02.10.01.04.09-d | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | RHEL / OEL 5.4 64bit | 8.03.03.15.05.06-k | 4.03.01 | 8, 13 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-----------------------------------|---------------------------------------|---|--------------------|------------------|-----------|
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | RHEL / OEL 5.5 64bit | 8.03.03.15.05.06-k | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | RHEL / OL 5.6 64bit | 8.03.01.05.05.06-k | 4.03.01 | 8, 13, 15 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | RHEL / OL 5.7 64bit | 8.03.07.03.05.07-k | 4.03.01 | 8, 13, 15 |
| B200 and B250 M2 | UCS M71KR-Q Converged Network Adapter | Solaris 10 10/09 | 20090519-2.31 | 2.0(1) | 13 |
| B200 and B250 M1 & M2 | UCS M71KR-Q Converged Network Adapter | SUSE Linux Enterprise Server 10.3 64bit | 8.03.01.13.10.3-k4 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 | UCS M71KR-Q Converged Network Adapter | SUSE Linux Enterprise Server 10.4 64bit | 8.03.01.12.10.3-k4 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | SUSE Linux Enterprise Server 11.1 64bit | 8.03.04.14.11.1-k0 | 4.03.01 | 8, 13, 28 |
| B200 and B250 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.0 | 8.02.01-k1-vmw38 | 4.03.01 | 8, 13 |
| B200 and B250 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.0i | 8.02.01-k1-vmw38 | 4.03.01 | 8, 13 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-----------------------------------|---------------------------------------|-------------------------|-----------------------|-------------------------|--------------|
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.0 U1 | 8.02.01-k1-vmw43 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.0i U1 | 8.02.01-k1-vmw43 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.0 U2 | 8.02.01-k1-vmw48 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.0i U2 | 8.02.01-k1-vmw48 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.0 U3 | 8.02.01-k1-vmw48 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.0i U3 | 8.02.01-k1-vmw48 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.0 U4 | 8.02.01-k1-vmw48 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.0i U4 | 8.02.01-k1-vmw48 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.1 | 831.k1.28.1-1vmw | 4.03.01 | 8, 13 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-----------------------------------|---------------------------------------|--------------------------------|------------------|------------------|-------|
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.1i | 831.k1.28.1-1vmw | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.1 U1 | 831.k1.28.1-1vmw | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.1i U1 | 831.k1.28.1-1vmw | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.1 U2 | 831.k1.28.1-1vmw | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | vSphere 4.1i U2 | 831.k1.28.1-1vmw | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | Windows Server 2008 x64 | 9.1.8.27 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | Windows Server 2008 R2 x64 | 9.1.8.27 | 4.03.01 | 8, 13 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M71KR-Q Converged Network Adapter | Windows Server 2008 R2 x64 SP1 | 9.1.8.27 | 4.03.01 | 8, 13 |

Network Interface Card Interoperability Matrix

Table 4 lists the network interface cards that the Unified Computing System B Series Servers support.

Table 4: Network Interface Cards

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---|-------------------------|----------------------------|-------------------------|--------------|
| B200 and B250 M1 & M2 | UCS M51KR-B 10-Gigabit Ethernet Adapter | RHEL 4.8 64bit | 1.62.17 | 6.2.15 | |
| B200 and B250 M1 & M2 | UCS M51KR-B 10-Gigabit Ethernet Adapter | RHEL 4.9 64bit | 1.45.23-1 | 6.2.15 | |
| B200 and B250 M1 & M2 and B440 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | RHEL / OEL 5.4 64bit | 1.62.17 | 6.2.15 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | RHEL / OEL 5.5 64bit | 1.62.17 / 2.1.3b (iSCSI) | 6.2.15 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | RHEL / OL 5.6 64bit | 1.62.17 / 2.1.3b (iSCSI) | 6.2.15 | 12, 15 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | RHEL / OL 5.7 64bit | 1.62.00-6 / 2.1.3b (iSCSI) | 6.2.15 | 15 |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M51KR-B 10-Gigabit Ethernet Adapter | RHEL / OL 6.0 64bit | 1.62.17 | 6.2.15 | 12 |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M51KR-B 10-Gigabit Ethernet Adapter | RHEL / OL 6.1 64bit | 1.62.00-6 | 6.2.15 | |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M51KR-B 10-Gigabit Ethernet Adapter | RHEL / OL 6.2 64bit | 1.70.00-0 | 6.2.15 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---|---|----------------|------------------|-------|
| M2 of B200, B250, B230 and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | Solaris 10 09/10 | 5.2.11 | 6.2.15.23.1 | |
| B200 and B250 M1 & M2 | UCS M51KR-B 10-Gigabit Ethernet Adapter | SUSE Linux Enterprise Server 10.3 64bit | 1.62.17 | 6.2.15 | |
| B200 and B250 M1 & M2 | UCS M51KR-B 10-Gigabit Ethernet Adapter | SUSE Linux Enterprise Server 10.4 64bit | 1.62.17 | 6.2.15 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | SUSE Linux Enterprise Server 11.1 64bit | 1.62.17 | 6.2.15 | |
| B200 and B250 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.0 | 1.62.11.v40.1 | 6.2.15 | 25 |
| B200 and B250 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.0i | 1.62.11.v40.1 | 6.2.15 | 25 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.0 U1 | 1.62.11.v40.1 | 6.2.15 | 25 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.0i U1 | 1.62.11.v40.1 | 6.2.15 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.0 U2 | 1.62.11.v40.1 | 6.2.15 | 25 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---|------------------|------------------------------------|------------------|--------|
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.0i U2 | 1.62.11.v40.1 | 6.2.15 | 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.0 U3 | 1.62.11.v40.1 | 6.2.15 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.0i U3 | 1.62.11.v40.1 | 6.2.15 | 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.0 U4 | 1.62.11.v40.1 | 6.2.15 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.0i U4 | 1.62.11.v40.1 | 6.2.15 | 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.1 | 1.62.15.v41 | 6.2.15 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.1i | 1.62.15.v41 | 6.2.15 | 26 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.1 U1 | 1.62.15.v41 / 1.9.1t.v41.2 (iSCSI) | 6.2.15 | 25 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.1i U1 | 1.62.15.v41 | 6.2.15 | 12, 26 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---|--------------------------------|------------------------------------|------------------|--------|
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.1 U2 | 1.62.15.v41 / 1.9.1t.v41.2 (iSCSI) | 6.2.15 | 25 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 4.1i U2 | 1.62.15.v41 | 6.2.15 | 12, 26 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | vSphere 5.0 | 1.61.15.v50.1 | 6.2.15 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | Windows Server 2008 x64 | 6.2.9.0 | 6.2.15 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | Windows Server 2008 R2 x64 | 6.2.9.0 | 6.2.15 | 12, 29 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M51KR-B 10-Gigabit Ethernet Adapter | Windows Server 2008 R2 x64 SP1 | 6.2.9.0 / 6.2.7.0 (iSCSI) | 6.2.15 | 12, 29 |
| B200 and B250 M1 & M2 | UCS M61KR-I 10-Gigabit Ethernet Adapter | RHEL 4.8 64bit | 3.2.9 | 2.1.60.1.1 | |
| B200 and B250 M1 & M2 | UCS M61KR-I 10-Gigabit Ethernet Adapter | RHEL 4.9 64bit | 3.2.9 | 2.1.60.1.1 | |
| B200 and B250 M1 & M2 and B440 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | RHEL / OEL 5.4 64bit | 3.2.9 | 2.1.60.1.1 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---|---|----------------|------------------|-------|
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | RHEL / OEL 5.5 64bit | 3.2.9 | 2.1.60.1.1 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | RHEL / OL 5.6 64bit | 3.2.9 | 2.1.60.1.1 | 15 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | RHEL / OL 5.7 64bit | 3.2.9 | 2.1.60.1.1 | 15 |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M61KR-I 10-Gigabit Ethernet Adapter | RHEL / OL 6.0 64bit | 3.2.9 | 2.1.60.1.1 | |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M61KR-I 10-Gigabit Ethernet Adapter | RHEL / OL 6.1 64bit | 3.3.9 | 2.1.60.1.1 | |
| B200 and B250 M2, B230 and B440 M1 & M2 | UCS M61KR-I 10-Gigabit Ethernet Adapter | RHEL / OL 6.2 64bit | 3.4.8 | 2.1.60.1.1 | |
| B200 and B250 M1 & M2 | UCS M61KR-I 10-Gigabit Ethernet Adapter | SUSE Linux Enterprise Server 10.3 64bit | 3.2.9 | 2.1.60.1.1 | |
| B200 and B250 M1 & M2 | UCS M61KR-I 10-Gigabit Ethernet Adapter | SUSE Linux Enterprise Server 10.4 64bit | 3.2.9 | 2.1.60.1.1 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | SUSE Linux Enterprise Server 11.1 64bit | 3.2.9 | 2.1.60.1.1 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---|------------------|----------------|------------------|-------|
| B200 and B250 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.0 | 3.1.17.1 | 2.1.60.1.1 | 25 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.0 U1 | 3.1.17.1 | 2.1.60.1.1 | 25 |
| B200 and B250 M1 & M2 and B440 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.0i U1 | 3.1.17.1 | 2.1.60.1.1 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.0 U2 | 3.1.17.1 | 2.1.60.1.1 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.0i U2 | 3.1.17.1 | 2.1.60.1.1 | 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.0 U3 | 3.1.17.1 | 2.1.60.1.1 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.0i U3 | 3.1.17.1 | 2.1.60.1.1 | 26 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.0 U4 | 3.1.17.1 | 2.1.60.1.1 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.0i U4 | 3.1.17.1 | 2.1.60.1.1 | 26 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|---|----------------------------|----------------|------------------|-------|
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.1 | 3.1.17.1 | 2.1.60.1.1 | 25 |
| B200 and B250 M1 & M2, B230 and B440 M1 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.1i | 3.1.17.1 | 2.1.60.1.1 | 26 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.1 U1 | 3.1.17.1 | 2.1.60.1.1 | 25 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.1i U1 | 3.1.17.1 | 2.1.60.1.1 | 26 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.1 U2 | 3.1.17.1 | 2.1.60.1.1 | 25 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 4.1i U2 | 3.1.17.1 | 2.1.60.1.1 | 26 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | vSphere 5.0 | 3.1.17.1 | 2.1.60.1.1 | 25 |
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | Windows Server 2008 x64 | 2.7.28.0 | 2.1.60.1.1 | |
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | Windows Server 2008 R2 x64 | 2.7.28.0 | 2.1.60.1.1 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|---|--|--------------------------------|-----------------------|-------------------------|--------------|
| M1 and M2 of B200, B250, B230, and B440 | UCS M61KR-I 10-Gigabit Ethernet Adapter | Windows Server 2008 R2 x64 SP1 | 2.7.28.0 | 2.1.60.1.1 | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | RHEL 4.8 64bit | 3.2.9 | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | RHEL 4.9 64bit | 3.2.9 | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | RHEL / OEL 5.4 64bit | 3.2.9 | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | RHEL / OEL 5.5 64bit | 3.2.9 | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | RHEL / OL 5.6 64bit | 3.2.9 | | 15 |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | RHEL / OL 5.7 64bit | 3.2.9 | | 15 |
| B200 and B250 M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | Solaris 10 10/09 | 1.0.8 | 2.1.11.0.70 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-------------------------|--|---|-----------------------|-------------------------|--------------|
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | SUSE Linux Enterprise Server 10.3 64bit | 3.2.9 | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | SUSE Linux Enterprise Server 10.4 64bit | 3.2.9 | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | SUSE Linux Enterprise Server 11.1 64bit | 3.2.9 | | |
| B200 and B250 M1 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.0 | 1.3.36 | | |
| B200 and B250 M1 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.0i | 1.3.36 | | |
| B200 and B250 M1 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.0 U1 | 1.3.36 | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.0i U1 | 1.3.36 | | |
| B200 and B250 M1 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.0 U2 | 2.0.38.2.5-2vmw | | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-----------------------|--|------------------|-------------------|------------------|-------|
| B200 and B250 M1 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.0i U2 | 2.0.38.2.5-2vmw | | |
| B200 and B250 M1 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.0 U3 | 2.0.38.2.5-2vmw | | |
| B200 and B250 M1 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.0i U3 | 2.0.38.2.5-2vmw | | |
| B200 and B250 M1 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.0 U4 | 2.0.38.2.5-2vmw | | |
| B200 and B250 M1 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.0i U4 | 2.0.38.2.5-2vmw | | |
| B200 and B250 M1 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.1 | 2.0.38.2.5.1-1vmw | | |
| B200 and B250 M1 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.1i | 2.0.38.2.5.1-1vmw | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.1 U1 | 2.0.38.2.5.1-1vmw | | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-----------------------|--|--------------------------------|-------------------|------------------|-------|
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.1i U1 | 2.0.38.2.5.1-1vmw | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.1 U2 | 2.0.38.2.5.1-1vmw | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | vSphere 4.1i U2 | 2.0.38.2.5.1-1vmw | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | Windows Server 2008 x64 | 2.4.29.1 | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | Windows Server 2008 R2 x64 | 2.4.29.1 | | |
| B200 and B250 M1 & M2 | UCS 82598KR-CI 10-Gigabit Ethernet Adapter | Windows Server 2008 R2 x64 SP1 | 2.4.29.1 | | |

RAID Controller on Motherboard Interoperability Matrix

Table 5 lists the RAID controllers on motherboard that the Unified Computing System B Series Servers support.

Table 5: RAID Controller on Motherboard

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-------------------------|---|-------------------------|-----------------------|-------------------------|--------------|
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | RHEL 4.8 64bit | 3.26.00.00 | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | RHEL 4.9 64bit | 3.12.29.00rh | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | RHEL / OEL 5.4 64bit | 4.26.00.00 | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | RHEL / OEL 5.5 64bit | 4.26.00.00 | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | RHEL / OL 5.6 64bit | 3.0.4.15rh | 1.32.04.00 | 15 |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | RHEL / OL 5.7 64bit | 3.0.4.18rh | 1.32.04.00 | 15 |
| B200 and B250 M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | RHEL / OL 6.0 64bit | 4.26.00.00 | 1.32.04.00 | |
| B200 and B250 M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | RHEL / OL 6.1 64bit | 3.04.18 | 1.32.04.00 | |
| B200 and B250 M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | RHEL / OL 6.2 64bit | 3.04.19 | 1.32.04.00 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-----------------------|---|---|------------------|------------------|-------|
| B200 and B250 M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | Solaris 10 10/09 | 1.92 | 1.32.04.00 | |
| B200 and B250 M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | Solaris 10 09/10 | 1.100 | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | SUSE Linux Enterprise Server 10.3 64bit | 4.26.00.00 | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | SUSE Linux Enterprise Server 10.4 64bit | 3.04.17_suse | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | SUSE Linux Enterprise Server 11.1 64bit | 4.26.00.00 | 1.32.04.00 | |
| B200 and B250 M1 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.0 | 4.00.37.00.23vmw | 1.32.04.00 | |
| B200 and B250 M1 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.0i | 4.00.37.00.23vmw | 1.32.04.00 | |
| B200 and B250 M1 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.0 U1 | 4.00.37.00.27vmw | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.0i U1 | 4.00.37.00.27vmw | 1.32.04.00 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-----------------------|---|------------------|-------------------|------------------|-------|
| B200 and B250 M1 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.0 U2 | 4.00.37.00.29vmw | 1.32.04.00 | |
| B200 and B250 M1 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.0i U2 | 4.00.37.00.29vmw | 1.32.04.00 | |
| B200 and B250 M1 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.0 U3 | 4.00.37.00.29vmw | 1.32.04.00 | |
| B200 and B250 M1 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.0i U3 | 4.00.37.00.29vmw | 1.32.04.00 | |
| B200 and B250 M1 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.0 U4 | 4.00.37.00.29vmw | 1.32.04.00 | |
| B200 and B250 M1 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.0i U4 | 4.00.37.00.29vmw | 1.32.04.00 | |
| B200 and B250 M1 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.1 | 4.21.00.01.1-5vmw | 1.32.04.00 | |
| B200 and B250 M1 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.1i | 4.21.00.01.1-5vmw | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.1 U1 | 4.21.00.01.1-5vmw | 1.32.04.00 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|-----------------------|---|--------------------------------|-------------------|------------------|-------|
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.1i U1 | 4.21.00.01.1-5vmw | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.1 U2 | 4.21.00.01.1-5vmw | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 4.1i U2 | 4.21.00.01.1-5vmw | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | vSphere 5.0 | 4.23.01.00-5 | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | Windows Server 2008 x64 | 1.34.02.00 | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | Windows Server 2008 R2 x64 | 1.34.02.00 | 1.32.04.00 | |
| B200 and B250 M1 & M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | Windows Server 2008 R2 x64 SP1 | 1.34.02.00 | 1.32.04.00 | |
| B200 and B250 M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | XenServer 5.6 SP2 | 4.22 | 1.32.04.00 | |
| B200 and B250 M2 | LSI Logic SAS1064E PCI-Express Fusion-MPT | XenServer 6.0 | 4.22 | 1.32.04.00 | |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | RHEL / OEL 5.5 64bit | 00.00.04.37 | 20.10.1-0042 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|------------------|------------------------|---|-----------------|------------------|-------|
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | RHEL / OL 5.6 64bit | 00.00.04.31 | 20.10.1-0042 | 15 |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | RHEL / OL 5.7 64bit | 00.00.05.38-rh1 | 20.10.1-0042 | 15 |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | RHEL / OL 6.0 64bit | 00.00.04.28-RH1 | 20.10.1-0042 | |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | RHEL / OL 6.1 64bit | 00.00.05.34-rc1 | 20.10.1-0042 | |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | RHEL / OL 6.2 64bit | 00.00.05.40-rh2 | 20.10.1-0042 | |
| B230 M2 | LSI Logic MegaSAS 9240 | Solaris 10 09/10 | 03.03.00 | 20.10.1-0042 | 3 |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | SUSE Linux Enterprise Server 11.1 64bit | 00.00.04.37 | 20.10.1-0042 | |
| B230 M1 | LSI Logic MegaSAS 9240 | vSphere 4.0 U2 | 4.32 | 20.10.1-0042 | 25 |
| B230 M1 | LSI Logic MegaSAS 9240 | vSphere 4.0i U2 | 4.32 | 20.10.1-0042 | 26 |
| B230 M1 | LSI Logic MegaSAS 9240 | vSphere 4.0 U3 | 4.32 | 20.10.1-0042 | 25 |
| B230 M1 | LSI Logic MegaSAS 9240 | vSphere 4.0i U3 | 4.32 | 20.10.1-0042 | 26 |
| B230 M1 | LSI Logic MegaSAS 9240 | vSphere 4.0 U4 | 4.32 | 20.10.1-0042 | 25 |
| B230 M1 | LSI Logic MegaSAS 9240 | vSphere 4.0i U4 | 4.32 | 20.10.1-0042 | 26 |
| B230 M1 | LSI Logic MegaSAS 9240 | vSphere 4.1 | 4.32 | 20.10.1-0042 | 25 |
| B230 M1 | LSI Logic MegaSAS 9240 | vSphere 4.1i | 4.32 | 20.10.1-0042 | 26 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|------------------|------------------------|--------------------------------|-----------------|------------------|-------|
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | vSphere 4.1 U1 | 4.32 | 20.10.1-0042 | 25 |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | vSphere 4.1i U1 | 4.32 | 20.10.1-0042 | 26 |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | vSphere 4.1 U2 | 4.32 | 20.10.1-0042 | 25 |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | vSphere 4.1i U2 | 4.32 | 20.10.1-0042 | 26 |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | vSphere 5.0 | 04.32.1 | 20.10.1-0042 | 25 |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | Windows Server 2008 x64 | 4.32.0.64 | 20.10.1-0042 | |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | Windows Server 2008 R2 x64 | 4.32.0.64 | 20.10.1-0042 | |
| B230 M1 & M2 | LSI Logic MegaSAS 9240 | Windows Server 2008 R2 x64 SP1 | 4.32.0.64 | 20.10.1-0042 | |
| B230 M2 | LSI Logic MegaSAS 9240 | XenServer 5.6 SP2 | 4.27-SL1 | 20.10.1-0042 | |
| B230 M2 | LSI Logic MegaSAS 9240 | XenServer 6.0 | 5.41 | 20.10.1-0042 | |
| B440 M1 | LSI Logic MegaSAS 9260 | RHEL / OEL 5.4 64bit | 00.00.04.37 | 12.12.0-0050 | |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | RHEL / OEL 5.5 64bit | 00.00.04.37 | 12.12.0-0050 | |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | RHEL / OL 5.6 64bit | 00.00.04.31 | 12.12.0-0050 | 15 |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | RHEL / OL 5.7 64bit | 00.00.05.38-rh1 | 12.12.0-0050 | 15 |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | RHEL / OL 6.0 64bit | 00.00.04.28-RH1 | 12.12.0-0050 | |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|------------------|------------------------|---|-----------------|------------------|-------|
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | RHEL / OL 6.1 64bit | 00.00.05.34-rc1 | 12.12.0-0050 | |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | RHEL / OL 6.2 64bit | 00.00.05.40-rh2 | 12.12.0-0050 | |
| B440 M2 | LSI Logic MegaSAS 9260 | Solaris 10 09/10 | 2.4 | 12.12.0-0050 | |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | SUSE Linux Enterprise Server 11.1 64bit | 00.00.04.37 | 12.12.0-0050 | |
| B440 M1 | LSI Logic MegaSAS 9260 | vSphere 4.0 U1 | 4.32 | 12.12.0-0050 | 25 |
| B440 M1 | LSI Logic MegaSAS 9260 | vSphere 4.0i U1 | 4.32 | 12.12.0-0050 | 25 |
| B440 M1 | LSI Logic MegaSAS 9260 | vSphere 4.0 U2 | 4.32 | 12.12.0-0050 | 25 |
| B440 M1 | LSI Logic MegaSAS 9260 | vSphere 4.0i U2 | 4.32 | 12.12.0-0050 | 26 |
| B440 M1 | LSI Logic MegaSAS 9260 | vSphere 4.0 U3 | 4.32 | 12.12.0-0050 | 25 |
| B440 M1 | LSI Logic MegaSAS 9260 | vSphere 4.0i U3 | 4.32 | 12.12.0-0050 | 26 |
| B440 M1 | LSI Logic MegaSAS 9260 | vSphere 4.0 U4 | 4.32 | 12.12.0-0050 | 25 |
| B440 M1 | LSI Logic MegaSAS 9260 | vSphere 4.0i U4 | 4.32 | 12.12.0-0050 | 26 |
| B440 M1 | LSI Logic MegaSAS 9260 | vSphere 4.1 | 4.32 | 12.12.0-0050 | 25 |
| B440 M1 | LSI Logic MegaSAS 9260 | vSphere 4.1i | 4.32 | 12.12.0-0050 | 26 |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | vSphere 4.1 U1 | 4.32 | 12.12.0-0050 | 25 |

| UCS Blade Server | Adapter Model | Operating System | Adapter Driver | Adapter Firmware | Notes |
|------------------|------------------------|--------------------------------|----------------|------------------|--------|
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | vSphere 4.1i U1 | 4.32 | 12.12.0-0050 | 26 |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | vSphere 4.1 U2 | 4.32 | 12.12.0-0050 | 25 |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | vSphere 4.1i U2 | 4.32 | 12.12.0-0050 | 26 |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | vSphere 5.0 | 04.32.1vmw | 12.12.0-0050 | 25, 26 |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | Windows Server 2008 x64 | 4.32.0.64 | 12.12.0-0050 | |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | Windows Server 2008 R2 x64 | 4.32.0.64 | 12.12.0-0050 | |
| B440 M1 & M2 | LSI Logic MegaSAS 9260 | Windows Server 2008 R2 x64 SP1 | 4.32.0.64 | 12.12.0-0050 | |
| B440 M2 | LSI Logic MegaSAS 9260 | XenServer 5.6 SP2 | 4.27-SL1 | 12.12.0-0050 | |
| B440 M2 | LSI Logic MegaSAS 9260 | XenServer 6.0 | 5.41 | 12.12.0-0050 | |

Notes

- 1 Firmware version is typically a bundle that includes Option ROMs and Firmware
- 2 Inbox Driver versions may not be supported, download the UCS driver ISO from cisco.com and install updated driver if available
- 3 SAN Boot requires removal of all local disks
- 4 Driver required for installation not included in OS image
- 5 Nehalem EX processor family require Patch05 or later
- 6 Non-default adapter settings are typically required by storage vendors and found on their support list
- 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. UCS M71KR-E is equivalent to Emulex LP2100x, UCS M71KR-Q is equivalent to QLogic QLE804x

- 9 Driver not included in OS image, download from Cisco or OS vendor and install driver to enable device access
- 10 To upgrade to ESXi 4.1 U1 or U2, 1st install the Cisco custom image (refer to note 26)
- 11 To upgrade to ESXi 4.0 U3 or U4, 1st install the Cisco custom image (refer to note 26)
- 12 iSCSI Boot is supported
- 13 Refer to the UCS 82598KR-CI 10-Gigabit Ethernet Adapter for the supported Ethernet driver on this Converged Network Adapter
- 14 Certification is pending for supported driver
- 15 Only the RHEL compatible kernel is supported when using this Oracle Linux distribution
- 16 Xen kernel supported with workarounds as stated in: <http://kbase.redhat.com/faq/docs/DOC-23816>
- 17 Xen kernel supported with workarounds as stated in: <http://kbase.redhat.com/faq/docs/DOC-22147>
- 18 Loading multiple driver disks during a RHEL 5.x installation fails
<http://kbase.redhat.com/faq/docs/DOC-17753>
- 19 B250 dual adapter configuration requires ESX4.0u1p5 or later
- 20 56xx processor family require Patch04 or later
- 21 55xx processor family supported, this OS version does not support the 56xx processor family
- 22 RHEL errata kernel 2.6.18-164.15.1 (or newer) required for Nehalem EX processor support on B440 M1 servers, See <http://kbase.redhat.com/faq/docs/DOC-33762>
- 23 SLES kernel 2.6.27.45-0.1.1 (or newer) required for Nehalem EX processor support on B440 M1 servers
- 24 For full memory configs see following link:
http://kb.vmware.com/selfservice/microsites/search.do?cmd=displayKC&docType=kc&externalId=1016239&sliceId=1&docTypeID=DT_KB_1_1&dialogID=94385437&stateId=0%200%2094389504
- 25 The listed driver version is required for support. The updated Driver CD is available from VMware.com > downloads > VMware vSphere Hypervisor (ESXi) > Drivers & Tools > VMware ESX/ESXi Driver CD for Cisco FCoE CNA
- 26 The listed driver version is required for support. They are contained in the Cisco OEM Customized ESX ISO available from VMware.com > downloads > VMware vSphere Hypervisor (ESXi) > Drivers & Tools > VMware ESXi 4.1, 4.0 Update 2 or ESXi 5.0 Installable Cisco Customized ISO
- 27 All variations of OS are supported for this version, including Windows Server Core, Full and Hyper-V Standalone
- 28 For SAN boot configurations two SLES PTFs are required:
https://you.novell.com/update/x86_64/update/SUSE-SLES/11/PTF/e9a758d22183504af2d5ab4d9a9853da/20110120/
and <http://download.novell.com/Download?buildid=maEKPbhvINk~>
- 29 iSCSI Boot is not supported on Windows Server Core
- 30 NIC Teaming driver is not currently supported with Hyper-V
- 31 ESX NPIV Host Feature is not supported

Related Documentation

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

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

For information about Fibre Channel Switch and Storage Array interoperability, consult the *Cisco UCS Storage Interoperability Matrix*, located at:

<http://www.cisco.com/en/US/docs/switches/datacenter/mds9000/interoperability/matrix/Matrix8.html>

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>

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