



# Systems Compatibility Guide For ESX Server 2.x

Last Updated: April 2, 2008

## What's New

Changes since the last edition of this guide include:

- Modified support information for HP DL360 G5. See “HP,” on page 6.

## Introduction

VMware ESX Server has an architecture that delivers high performance I/O for PCI-based SCSI, RAID, Fibre Channel, Ethernet, and Gigabit Ethernet adapters, as well as internal RAID controllers. These high performance devices are accessed directly through device drivers in the ESX Server machine and not through a host operating system as with VMware Workstation and GSX Server products.

VMware ESX Server is tested for compatibility with a variety of major guest operating systems running in virtual machines. Additionally, VMware ESX Server is tested for compatibility with currently shipping platforms from the major server makers in pre-release testing. Our goal is to support a variety of storage and network adapters used as standard options for these platforms as they come to market.

If you are having a technical issue with 3rd party HW/SW and it is not found on this list, please refer to our 3rd Party HW/SW support policy at <http://www.vmware.com/support/policies/ThirdParty.html>.

This chapter includes the following:

- “Currently Qualified Servers” on page 2
- “Currently Qualified Guest Operating Systems” on page 15
- “Currently Qualified Hardware Lifecycle Management Applications” on page 16

## Currently Qualified Desktop Operating Systems

ESX Server 2.x only supports 32-bit guest operating systems even though it is qualified to run on some 64-bit processors.

Table 1.

Operating System	Version	ESX Server 1.5.2	ESX Server 2		ESX Server 2.0.1		ESX Server 2.1		ESX Server 2.1.x		ESX Server 2.5		ESX Server 2.5.1		ESX Server 2.5.2		ESX Server 2.5.3		ESX Server 2.5.4		ESX Server 2.5.5		
		U P	U P	M P	U P	M P	U P	M P	U P	M P	U P	M P	U P	M P	U P	M P	U P	M P	U P	M P	U P	M P	
Microsoft Windows	Windows XP Professional (Service Pack 1 or 2)		X		X		X		X		X		X		X		X		X		X		X
	Windows 2000 Professional		X		X		X		X		X		X		X		X		X		X		X

## Currently Qualified Servers

This is the list of all servers that are currently qualified and supported with ESX Server.

ESX Server 2.x only supports 32-bit guest operating systems even though it is qualified to run on some 64-bit processors.

Systems based on dual-core Intel processors are supported only as noted in this document.

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**NOTE** The Intel Xeon 5100 and 7100 series of processors and the AMD 2000/8000 series of processors are not supported with any of the servers listed unless explicitly footnoted.

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This section contains information on servers from the following vendors:

- [“Bull”](#) on page 2
- [“Dell”](#) on page 3
- [“Fujitsu”](#) on page 4
- [“Fujitsu Siemens”](#) on page 5
- [“HP”](#) on page 6
- [“Hitachi, Ltd.”](#) on page 9
- [“IBM”](#) on page 9
- [“Intel”](#) on page 11
- [“Mitsubishi”](#) on page 12
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- [“Sun Microsystems”](#) on page 14
- [“Unisys”](#) on page 14

**Table 2.** Bull

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
Express 5800	140Hd		X	X	X	X	X	X	X	X	X	X
	140He								X	X	X	X
	140Rc-4		X	X	X	X	X	X	X	X	X	X
	140Rd-4							X <sup>3</sup>	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>
	120Rf-1								X	X	X	X
	120Rf-2		X	X	X	X	X	X	X	X	X	X
	120Rh-2							X	X	X	X	X
	120Lh						X	X	X	X	X	X
NovaScale Blade	2021						X	X	X	X	X	X

<sup>1</sup> The recommended minimum CPU speed for ESX Server 2.x is 700 MHz.

<sup>2</sup> The recommended minimum CPU speed for Virtual SMP is 900 MHz.

<sup>3</sup> ESX Server 2.5.1 does not support the LSI Logic 53C1030 onboard RAID adapter (MegaRAID). The BIOS must have this adapter disabled for ESX Server to function properly.

<sup>4</sup> Supported with the Intel Xeon single-core and dual-core processor (Paxville).

**Table 3. Dell**

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.1	ESX Server 2.1.2	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5	
PowerEdge	1400SC	X												
	1500SC	X												
	1550	X	X	X	X	X	X	X	X	X	X	X	X	
	1650	X	X	X	X	X	X	X	X	X	X	X	X	
	1750			X	X	X	X	X	X	X	X	X	X	
	1850						X	X	X	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	
	1855							X	X	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	
	1950											X <sup>5, 6, 8</sup>	X <sup>5, 6, 7, 8, 9</sup>	
	1955											X <sup>5, 6, 8</sup>	X <sup>5, 6, 7, 8, 9</sup>	
	2450	X			X	X	X							
	2550	X	X	X	X	X	X	X	X	X	X	X	X	
	2600		X	X	X	X	X	X	X	X	X	X	X	
	2650	X	X	X	X	X	X	X	X	X	X	X	X	
	2800									X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	
	2850						X	X	X	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	
	2900											X <sup>5, 6, 8</sup>	X <sup>5, 6, 7, 8, 9</sup>	
	2950											X <sup>5, 6, 8</sup>	X <sup>5, 6, 7, 8, 9</sup>	
	4600								X	X	X	X	X	X
	6450	X	X	X	X	X	X	X	X	X	X	X	X	X
	6600				X	X	X	X	X	X	X	X	X	X
	6650	X	X	X	X	X	X	X	X	X	X	X	X	X
	6800										X <sup>3</sup>	X	X <sup>1, 10</sup>	X <sup>1, 10</sup>
	6850								X <sup>2</sup>	X <sup>1, 2</sup>	X <sup>1, 2</sup>	X <sup>1, 2, 10, 11</sup>	X <sup>1, 2, 10, 11</sup>	X <sup>1, 2, 10, 11</sup>
6950												X <sup>12</sup>	X <sup>12</sup>	
8450	X		X	X	X	X	X							

<sup>1</sup> Supported with the Intel Xeon single-core and dual-core processor (Paxville).

<sup>2</sup> System with PERC 5/l controller is only supported with ESX 2.5.4.

<sup>3</sup> Requires ESX Server 2.5.2 Upgrade Patch 4, available from <http://www.vmware.com/download/esx/esx-252-200602-patch.html>.

<sup>4</sup> Certified with local storage only.

<sup>5</sup> Dual-core Intel Xeon 5000 series processors.

<sup>6</sup> Dual-core Intel Xeon 5100 series processors.

<sup>7</sup> Dual-core Intel Xeon 5100 series processors including support for some G0-Stepping configurations.

<sup>8</sup> Quad-core Intel Xeon 5300 series processors supported with ESX Server Upgrade Patch 4 or later.

<sup>9</sup> Quad-core Intel Xeon 5300 series processors including support for some G0-Stepping configurations.

<sup>10</sup> Dual-core Intel Xeon 7000 series processors.

<sup>11</sup> Dual-core Intel Xeon 7100 series processors supported with ESX Server Upgrade Patch 4 or later.

<sup>12</sup> Supported only with ESX Server Upgrade Patch 5 or later.

**Table 4.** Fujitsu

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
Primergy	RX300 S2						X	X	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>
	RX600 S2								X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>
	BX620 S2						X	X	X	X	X	X

<sup>1</sup> Supported with the Intel Xeon single-core and dual-core processor (Paxville).

**Table 5.** Fujitsu Siemens

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
Primergy	BX620					X	X	X	X	X	X	X
	BX620 S2						X	X	X	X	X	X
	BX620 S3										X <sup>8, 9, 10</sup>	X <sup>3, 9, 10</sup>
	BX630								X <sup>1, 2, 3, 6</sup>	X <sup>1, 2, 3, 6</sup>	X <sup>1, 2, 3, 6</sup>	X <sup>1, 2, 3, 6</sup>
	BX660					X	X	X	X	X	X	X
	R450	X	X	X	X	X	X	X	X	X	X	X
	RX300 S2						X	X	X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>
	RX300 S3										X <sup>7, 8, 9, 10</sup>	X <sup>7, 8, 9, 10</sup>
	RX600			X	X	X	X	X	X	X	X	X
	RX600 S2								X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>
	RX600 S3										X <sup>7, 11, 12</sup>	X <sup>7, 11, 12</sup>
	RX800		X	X	X	X	X	X	X	X	X	X
	RX800 S2								X <sup>4</sup>	X	X	X
	T850	X	X	X	X	X	X	X	X	X	X	X
	TX300					X	X	X	X	X	X	X
	TX300 S2						X	X	X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>
	TX300 S3										X <sup>7, 8, 9, 10</sup>	X <sup>7, 8, 9, 10</sup>
	TX600			X	X	X	X	X	X	X	X	X
	TX600 S2								X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>
	TX600 S3										X <sup>7, 11, 12</sup>	X <sup>7, 11, 12</sup>
RX300					X	X	X	X	X	X	X	

<sup>1</sup> No support for the PCI Riser card.

<sup>2</sup> Only supported in a boot from SAN configuration.

<sup>3</sup> Only supported with boot from SAN or LSI SAS1068.

<sup>4</sup> Requires ESX Server 2.5.2 Upgrade Patch 2, available from [www.vmware.com/download/esx/esx-252-200512-patch.html](http://www.vmware.com/download/esx/esx-252-200512-patch.html).

<sup>5</sup> Supported with the Intel Xeon single-core and dual-core processor (Paxville).

<sup>6</sup> Both AMD single-core and dual-core support.

<sup>7</sup> Dual-core processor support.

<sup>8</sup> Dual-core Intel Xeon 5000 series processors.

<sup>9</sup> Dual-core Intel Xeon 5100 series processors.

<sup>10</sup> Quad-core Intel Xeon 5300 series processors.

<sup>11</sup> Dual-core Intel Xeon 7000 series processors.

<sup>12</sup> Dual-core Intel Xeon 7100 series processors.

**Table 6. HP**

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
pServer Blade Servers	BL20p		X	X	X	X	X	X	X	X	X	X
	BL20p G2		X	X	X	X	X	X	X	X	X	X
	BL20p G3						X	X	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>
	BL20p G4										X <sup>5, 6, 9</sup>	X <sup>5, 6, 8, 9, 11</sup>
	BL25p						X <sup>2</sup>	X <sup>2</sup>	X <sup>3</sup>	X <sup>3</sup>	X <sup>3</sup>	X <sup>3</sup>
	BL25p G2										X <sup>14</sup>	X <sup>14</sup>
	BL30p							X	X	X	X	X
	BL35p						X <sup>2</sup>	X <sup>2</sup>	X <sup>3</sup>	X <sup>3</sup>	X <sup>3</sup>	X <sup>3</sup>
	BL40p		X	X	X	X	X	X	X	X	X	X
	BL45p							X <sup>2</sup>	X <sup>2</sup>	X <sup>3</sup>	X <sup>3</sup>	X <sup>3</sup>
	BL45p G2										X <sup>18</sup>	X <sup>18</sup>
	BL460c										X <sup>5, 6, 9</sup>	X <sup>5, 6, 8, 11</sup>
	BL465c										X	X
	BL480c										X <sup>5, 6, 9</sup>	X <sup>5, 6, 8, 11</sup>
	BL685c										X <sup>17</sup>	X <sup>17</sup>

<sup>1</sup> Running ESX Server 2.5 on Proliant DL580 G3 systems requires the VMware ESX Server 2.5 Upgrade Patch 2 available at: <http://www.vmware.com/download/esx/esx-250-200502-patch.html>.

<sup>2</sup> Only single-core AMD Opteron support.

<sup>3</sup> Both single-core and dual-core AMD Opteron support.

<sup>4</sup> Supported with both Intel Xeon single-core and dual-core processors (Paxville).

<sup>5</sup> Dual-core Intel Xeon 5000 series processors.

<sup>6</sup> Dual-core Intel Xeon 5100 series processors.

<sup>7</sup> Dual-core Intel Xeon 5100 series processors including support for mixed G0-Stepping configurations.

<sup>8</sup> Dual-core Intel Xeon 5100 series processors including support for same G0-Stepping configurations.

<sup>9</sup> Quad-core Intel Xeon 5300 series processors supported with ESX Server Upgrade Patch 4 or later.

<sup>10</sup> Quad-core Intel Xeon 5300 series processors supported with ESX Server Upgrade Patch 4 or later. Including support for mixed G0-Stepping configurations.

<sup>11</sup> Quad-core Intel Xeon 5300 series processors supported with ESX Server Upgrade Patch 4 or later. Including support for same G0-Stepping configurations.

<sup>12</sup> Dual-core Intel Xeon 7000 series processors.

<sup>13</sup> Dual-core Intel Xeon 7100 series processors supported with ESX Server Upgrade Patch 4 or later.

<sup>14</sup> AMD Opteron 2000 series, Rev. F dual-core processors supported with ESX Server Upgrade Patch 5 or later.

<sup>15</sup> AMD Opteron 8000 series, Rev. F, dual-core processors supported with ESX 2.5.4 build 40616. The Installation ISO can be obtained from: <http://www.vmware.com/support/esx25/doc/esx-254-DL585G2-update.html>.

<sup>16</sup> AMD Opteron 8000 series, Rev. F dual-core processors supported by ESX 2.5.4 Server Update image available at: <http://www.vmware.com/support/esx25/doc/esx-254-DL585G2-update.html>

<sup>17</sup> AMD Opteron 8000 series, Rev. F dual-core processors supported with ESX Server Upgrade Patch 5 or later.

<sup>18</sup> AMD Opteron 8000 series, Rev. F dual-core processors supported with ESX Server Upgrade Patch 6 or later.

**Table 6. HP (Continued)**

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
Proliant	DL320	X										
	DL360	X	X	X	X	X	X	X	X	X	X	X
	DL360 G2	X	X	X	X	X	X	X	X	X	X	X
	DL360 G3	X	X	X	X	X	X	X	X	X	X	X
	DL360 G4						X	X	X	X	X	X
	DL360 G4p						X	X	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>
	DL360 G5										X <sup>5, 6, 9</sup>	X <sup>5, 6, 8, 9, 11</sup>
	DL365										X <sup>14</sup>	X <sup>14</sup>
	DL380	X	X	X	X	X	X	X	X	X	X	X
	DL380 G2	X	X	X	X	X	X	X	X	X	X	X
	DL380 G3	X	X	X	X	X	X	X	X	X	X	X
	DL380 G4						X	X	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>
	DL380 G5										X <sup>5, 6, 9</sup>	X <sup>5, 6, 8, 11</sup>
	DL385						X <sup>2</sup>	X <sup>2</sup>	X <sup>3</sup>	X <sup>3</sup>	X <sup>3</sup>	X <sup>3</sup>
	DL385 G2										X	X
	DL560	X	X	X	X	X	X	X	X	X	X	X
	DL580	X	X	X	X	X	X	X	X	X	X	X
	DL580 G2	X	X	X	X	X	X	X	X	X	X	X
	DL580 G3						X <sup>1</sup>	X	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>
DL580 G4										X <sup>12, 13</sup>	X <sup>12, 13</sup>	

<sup>1</sup> Running ESX Server 2.5 on Proliant DL580 G3 systems requires the VMware ESX Server 2.5 Upgrade Patch 2 available at:  
<http://www.vmware.com/download/esx/esx-250-200502-patch.html>.

<sup>2</sup> Only single-core AMD Opteron support.

<sup>3</sup> Both single-core and dual-core AMD Opteron support.

<sup>4</sup> Supported with both Intel Xeon single-core and dual-core processors (Paxville).

<sup>5</sup> Dual-core Intel Xeon 5000 series processors.

<sup>6</sup> Dual-core Intel Xeon 5100 series processors.

<sup>7</sup> Dual-core Intel Xeon 5100 series processors including support for mixed G0-Stepping configurations.

<sup>8</sup> Dual-core Intel Xeon 5100 series processors including support for same G0-Stepping configurations.

<sup>9</sup> Quad-core Intel Xeon 5300 series processors supported with ESX Server Upgrade Patch 4 or later.

<sup>10</sup> Quad-core Intel Xeon 5300 series processors supported with ESX Server Upgrade Patch 4 or later. Including support for mixed G0-Stepping configurations.

<sup>11</sup> Quad-core Intel Xeon 5300 series processors supported with ESX Server Upgrade Patch 4 or later. Including support for same G0-Stepping configurations.

<sup>12</sup> Dual-core Intel Xeon 7000 series processors.

<sup>13</sup> Dual-core Intel Xeon 7100 series processors supported with ESX Server Upgrade Patch 4 or later.

<sup>14</sup> AMD Opteron 2000 series, Rev. F dual-core processors supported with ESX Server Upgrade Patch 5 or later.

<sup>15</sup> AMD Opteron 8000 series, Rev. F, dual-core processors supported with ESX 2.5.4 build 40616. The installation ISO can be obtained from:  
<http://www.vmware.com/support/esx25/doc/esx-254-DL585G2-update.html>.

<sup>16</sup> AMD Opteron 8000 series, Rev. F dual-core processors supported by ESX 2.5.4 Server Update image available at:  
<http://www.vmware.com/support/esx25/doc/esx-254-DL585G2-update.html>

<sup>17</sup> AMD Opteron 8000 series, Rev. F dual-core processors supported with ESX Server Upgrade Patch 5 or later.

<sup>18</sup> AMD Opteron 8000 series, Rev. F dual-core processors supported with ESX Server Upgrade Patch 6 or later.

**Table 6. HP (Continued)**

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
Proliant (continued)	DL585					X <sup>2</sup>	X <sup>2</sup>	X <sup>2</sup>	X <sup>3</sup>	X <sup>3</sup>	X <sup>3</sup>	X <sup>3</sup>
	DL585 G2										X <sup>15, 16</sup>	X <sup>15, 16</sup>
	DL740	X	X	X	X	X	X	X	X	X	X	X
	DL760	X	X	X	X	X	X	X	X	X	X	X
	DL760 G2	X	X	X	X	X	X	X	X	X	X	X
	ML350 G5										X <sup>5, 6, 9</sup>	X <sup>5, 6, 8, 9, 11</sup>
	ML370 G3						X	X	X	X	X	X
	ML370 G4										X <sup>6</sup>	X <sup>6</sup>
	ML370 G5										X <sup>5, 6, 11</sup>	X <sup>5, 6, 11</sup>
	ML570 G2			X	X	X	X	X	X	X	X	X
	ML570 G3						X	X	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>
	ML570 G4										X <sup>12, 13</sup>	X <sup>12, 13</sup>
8500	X		X	X	X							

<sup>1</sup> Running ESX Server 2.5 on Proliant DL580 G3 systems requires the VMware ESX Server 2.5 Upgrade Patch 2 available at:  
<http://www.vmware.com/download/esx/esx-250-200502-patch.html>.

<sup>2</sup> Only single-core AMD Opteron support.

<sup>3</sup> Both single-core and dual-core AMD Opteron support.

<sup>4</sup> Supported with both Intel Xeon single-core and dual-core processors (Paxville).

<sup>5</sup> Dual-core Intel Xeon 5000 series processors.

<sup>6</sup> Dual-core Intel Xeon 5100 series processors.

<sup>7</sup> Dual-core Intel Xeon 5100 series processors including support for mixed G0-Stepping configurations.

<sup>8</sup> Dual-core Intel Xeon 5100 series processors including support for same G0-Stepping configurations.

<sup>9</sup> Quad-core Intel Xeon 5300 series processors supported with ESX Server Upgrade Patch 4 or later.

<sup>10</sup> Quad-core Intel Xeon 5300 series processors supported with ESX Server Upgrade Patch 4 or later. Including support for mixed G0-Stepping configurations.

<sup>11</sup> Quad-core Intel Xeon 5300 series processors supported with ESX Server Upgrade Patch 4 or later. Including support for same G0-Stepping configurations.

<sup>12</sup> Dual-core Intel Xeon 7000 series processors.

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<sup>14</sup> AMD Opteron 2000 series, Rev. F dual-core processors supported with ESX Server Upgrade Patch 5 or later.

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<http://www.vmware.com/support/esx25/doc/esx-254-DL585G2-update.html>.

<sup>16</sup> AMD Opteron 8000 series, Rev. F dual-core processors supported by ESX 2.5.4 Server Update image available at:  
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<sup>17</sup> AMD Opteron 8000 series, Rev. F dual-core processors supported with ESX Server Upgrade Patch 5 or later.

<sup>18</sup> AMD Opteron 8000 series, Rev. F dual-core processors supported with ESX Server Upgrade Patch 6 or later.



**Table 7.** Hitachi, Ltd.

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
BladeSymphony	AA51A2								X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>

<sup>1</sup> BIOS version F14 or newer.

**Table 8.** IBM

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
BladeCenter	HS20-8678		X	X	X	X	X	X	X	X	X	X
	HS20-8832 (32 bit)		X	X	X	X	X	X	X	X	X	X
	HS20-8832 Nocona						X	X	X	X	X	X
	HS20-8843						X	X	X	X	X	X
	HS21										X <sup>11, 19</sup>	X <sup>11</sup>
	HS40-8839				X	X	X	X	X	X	X	X
	LS20-8850							X <sup>4</sup>	X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>
	LS21										X <sup>19</sup>	X
	LS41										X <sup>19</sup>	X

**Note:** The IBM RXE PCI Expansion unit is supported in both ESX Server 1.5.2 and ESX Server 2.x.

<sup>1</sup> RAID configurations are supported only on the ServeRAID 7K cards and not on the on board Adaptec SCSI cards.

<sup>2</sup> Running ESX Server 2.5.1 on IBM x460 systems requires the VMware ESX Server 2.5.1. Upgrade Patch 1 available at: <http://www.vmware.com/download/esx/esx-251-200506-patch.html>.

<sup>3</sup> Only single-core processors.

<sup>4</sup> Only single-core AMD Opteron support.

<sup>5</sup> Both single-core and dual-core AMD Opteron support.

<sup>6</sup> Both Intel single-core and dual-core processors (Paxville).

<sup>7</sup> Hyperthreading must be disabled on 2 node configurations with more than 8 processor cores.

<sup>8</sup> Requires ESX Server 2.5.2 Upgrade Patch 4, available from <http://www.vmware.com/download/esx/esx-252-200602-patch.html>.

<sup>9</sup> Dual-core Intel Xeon 5000 series processors.

<sup>10</sup> Dual-core Intel Xeon 5100 series processors.

<sup>11</sup> Quad-core Intel Xeon 5300 series processors.

<sup>12</sup> Dual-core Intel Xeon 7100 series processors.

<sup>13</sup> Supported with SAS drives only.

<sup>14</sup> Supported with LSI1068E and SAS drives only.

<sup>15</sup> Supported only with ESX Server Upgrade Patch 5 or later.

<sup>16</sup> Supported only with ESX Server 2.5.4 Patch 4.

<sup>17</sup> Supported with ESX Server 2.5.4 Patch 5.

<sup>18</sup> Not supported with IBM 40K7427 PCI-X 133MHz (FH/FL) Riser for IBM System 3655.

<sup>19</sup> Requires ESX Server 2.5.4 Patch 8.

**Table 8. IBM (Continued)**

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5	
xSeries	226						X	X	X	X	X	X	
	235						X	X	X	X	X	X	
	236								X	X	X	X	
	255	X	X	X	X	X	X	X	X	X	X	X	
	260-8865								X	X	X	X	
	330	X	X	X	X	X	X	X	X	X	X	X	
	335		X	X	X	X	X	X	X	X	X	X	
	336						X	X	X	X	X	X	
	345		X	X	X	X	X	X	X	X	X	X	
	346						X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1,6</sup>	X <sup>1,6</sup>	X <sup>1,6</sup>	
	350	X											
	360	X	X	X	X	X	X	X	X	X	X	X	
	365			X	X	X	X	X	X	X	X	X	
	366							X <sup>3</sup>	X <sup>6</sup>	X <sup>6</sup>	X <sup>6</sup>	X <sup>6</sup>	
	370	X											
	440 (up to 16 CPUs)	X	X	X	X	X	X	X	X	X	X	X	X
	445 (up to 16 CPUs)		X	X	X	X	X	X	X	X	X	X	X
	445 EXA (up to 16 CPUs)			X	X	X	X	X	X	X	X	X	X
460 (up to 8 CPUs)								X <sup>2,3</sup>	X <sup>6,7</sup>	X <sup>6,7</sup>	X <sup>6,7</sup>	X <sup>6,7</sup>	
3400										X <sup>9,10,11,13,16</sup>	X <sup>9,10,11,13</sup>		

**Note:** The IBM RXE PCI Expansion unit is supported in both ESX Server 1.5.2 and ESX Server 2.x.

<sup>1</sup> RAID configurations are supported only on the ServerRAID 7K cards and not on the on board Adaptec SCSI cards.

<sup>2</sup> Running ESX Server 2.5.1 on IBM x460 systems requires the VMware ESX Server 2.5.1. Upgrade Patch 1 available at: <http://www.vmware.com/download/esx/esx-251-200506-patch.html>.

<sup>3</sup> Only single-core processors.

<sup>4</sup> Only single-core AMD Opteron support.

<sup>5</sup> Both single-core and dual-core AMD Opteron support.

<sup>6</sup> Both Intel single-core and dual-core processors (Paxville).

<sup>7</sup> Hyperthreading must be disabled on 2 node configurations with more than 8 processor cores.

<sup>8</sup> Requires ESX Server 2.5.2 Upgrade Patch 4, available from <http://www.vmware.com/download/esx/esx-252-200602-patch.html>.

<sup>9</sup> Dual-core Intel Xeon 5000 series processors.

<sup>10</sup> Dual-core Intel Xeon 5100 series processors.

<sup>11</sup> Quad-core Intel Xeon 5300 series processors.

<sup>12</sup> Dual-core Intel Xeon 7100 series processors.

<sup>13</sup> Supported with SAS drives only.

<sup>14</sup> Supported with LSI1068E and SAS drives only.

<sup>15</sup> Supported only with ESX Server Upgrade Patch 5 or later.

<sup>16</sup> Supported only with ESX Server 2.5.4 Patch 4.

<sup>17</sup> Supported with ESX Server 2.5.4 Patch 5.

<sup>18</sup> Not supported with IBM 40K7427 PCI-X 133MHz (FH/FL) Riser for IBM System 3655.

<sup>19</sup> Requires ESX Server 2.5.4 Patch 8.

**Table 8. IBM (Continued)**

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
xSeries (continued)	3455										X <sup>14, 17</sup>	X <sup>14</sup>
	3500										X <sup>9, 10, 11, 13, 16</sup>	X <sup>9, 10, 11, 13</sup>
	3550										X <sup>9, 10, 11, 13, 16</sup>	X <sup>9, 10, 11, 13</sup>
	3650										X <sup>9, 10, 11, 16</sup>	X <sup>9, 10, 11</sup>
	3655										X <sup>17, 18</sup>	X <sup>18</sup>
	3755										X <sup>17</sup>	X
	3800								X <sup>8</sup>	X	X <sup>12, 16</sup>	X <sup>12</sup>
	3850								X <sup>8</sup>	X	X <sup>12, 16</sup>	X <sup>12</sup>
	3950								X <sup>7, 8</sup>	X <sup>7</sup>	X <sup>7, 12, 16</sup>	X <sup>7, 12</sup>
Opteron	e325					X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>
	e326						X <sup>4</sup>	X <sup>4</sup>	X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>	X <sup>5</sup>

**Note:** The IBM RXE PCI Expansion unit is supported in both ESX Server 1.5.2 and ESX Server 2.x.

<sup>1</sup> RAID configurations are supported only on the ServeRAID 7K cards and not on the on board Adaptec SCSI cards.

<sup>2</sup> Running ESX Server 2.5.1 on IBM x460 systems requires the VMware ESX Server 2.5.1. Upgrade Patch 1 available at: <http://www.vmware.com/download/esx/esx-251-200506-patch.html>.

<sup>3</sup> Only single-core processors.

<sup>4</sup> Only single-core AMD Opteron support.

<sup>5</sup> Both single-core and dual-core AMD Opteron support.

<sup>6</sup> Both Intel single-core and dual-core processors (Paxville).

<sup>7</sup> Hyperthreading must be disabled on 2 node configurations with more than 8 processor cores.

<sup>8</sup> Requires ESX Server 2.5.2 Upgrade Patch 4, available from <http://www.vmware.com/download/esx/esx-252-200602-patch.html>.

<sup>9</sup> Dual-core Intel Xeon 5000 series processors.

<sup>10</sup> Dual-core Intel Xeon 5100 series processors.

<sup>11</sup> Quad-core Intel Xeon 5300 series processors.

<sup>12</sup> Dual-core Intel Xeon 7100 series processors.

<sup>13</sup> Supported with SAS drives only.

<sup>14</sup> Supported with LSI1068E and SAS drives only.

<sup>15</sup> Supported only with ESX Server Upgrade Patch 5 or later.

<sup>16</sup> Supported only with ESX Server 2.5.4 Patch 4.

<sup>17</sup> Supported with ESX Server 2.5.4 Patch 5.

<sup>18</sup> Not supported with IBM 40K7427 PCI-X 133MHz (FH/FL) Riser for IBM System 3655.

<sup>19</sup> Requires ESX Server 2.5.4 Patch 8.

**Table 9. Intel**

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
Intel Server Compute Blade	SBX44					X	X	X	X	X	X	X

<sup>1</sup> Only Intel BIOS versions P06 and P07 are supported.

<sup>2</sup> Only Intel BIOS versions P06, P07, and P08 are supported.

**Table 9. Intel**

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
Intel Server Compute Blade	SBX82						X	X	X	X	X	X
Intel Server Compute Blade	SBXL52			X	X	X	X	X	X	X	X	X
Intel Whitebox	SRS4						X	X	X	X	X	X
Intel Whitebox	SE7520JR2						X	X	X	X	X	X
Intel Whitebox	SE7520AF2						X	X	X	X	X	X
Intel Whitebox	SR4850HW4/M								X <sup>1</sup>	X <sup>2</sup>	X <sup>2</sup>	X <sup>2</sup>
Intel Whitebox	SR6850HW4/M								X <sup>1</sup>	X <sup>2</sup>	X <sup>2</sup>	X <sup>2</sup>

<sup>1</sup> Only Intel BIOS versions P06 and P07 are supported.

<sup>2</sup> Only Intel BIOS versions P06, P07, and P08 are supported.

**Table 10. Mitsubishi**

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
FT8600	210Rc								X	X	X	X
	220Rc							X	X	X	X	X
	200Lb						X	X	X	X	X	X
	440Rb							X <sup>1</sup>	X <sup>2</sup>	X <sup>2</sup>	X <sup>2</sup>	X <sup>2</sup>

<sup>1</sup> Does not support the LSI Logic 53C1030 onboard RAID adapter (MegaRAID). The BIOS must have this adapter disabled for ESX Server to function properly.

<sup>2</sup> Supported with the Intel Xeon single-core and dual-core processor (Paxville).

**Table 11. NEC**

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
Express 5800	180Rc-4	X	X	X	X	X	X	X	X	X	X	X
	180Rd-4	X	X	X	X	X	X	X	X	X	X	X
	140Hc	X										
	140Hd		X	X	X	X	X	X	X	X	X	X
	140He								X	X	X	X
	140Rb-4	X										
	140Rc-4		X	X	X	X	X	X	X	X	X	X
	140Rd-4							X <sup>3</sup>	X <sup>6</sup>	X <sup>6</sup>	X <sup>6</sup>	X <sup>6</sup>
	120Rd-2	X										
	120 Re-1				X	X	X	X	X	X	X	X
	120Rc-2	X										
	120Rf-1								X	X	X	X
	120Rf-2		X	X	X	X	X	X	X	X	X	X
	120Rg-2				X	X	X	X	X	X	X	X
	120Rh-2							X	X	X	X	X
	120Lh						X	X	X	X	X	X
	120Ba-4								X <sup>4,5</sup>	X <sup>4,5</sup>	X <sup>4,5</sup>	X <sup>4,5</sup>
	420MA			X	X	X	X	X	X	X	X	X

<sup>1</sup> The recommended minimum CPU speed for ESX Server 2.x is 700 MHz.

<sup>2</sup> The recommended minimum CPU speed for Virtual SMP is 900 MHz.

<sup>3</sup> ESX Server 2.5.1 does not support the LSI Logic 53C1030 onboard RAID adapter (MegaRAID). The BIOS must have this adapter disabled for ESX Server to function properly.

<sup>4</sup> USB device configuration may cause an error during system boot. Please refer to KB article 1659 ([www.vmware.com/support/kb/enduser/std\\_adp.php?p\\_faqid=1659](http://www.vmware.com/support/kb/enduser/std_adp.php?p_faqid=1659)) for more details and a valid workaround.

<sup>5</sup> Software RAID mode is not supported for the on-board Adaptec Ultra320 AIC7901B SCSI adapter.

<sup>6</sup> Supported with the Intel Xeon single-core and dual-core processor (Paxville).

**Table 12.** Sun Microsystems

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.x	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
SunFire	V20z						X <sup>1</sup>	X <sup>1</sup>	X <sup>2</sup>	X <sup>2</sup>	X <sup>2</sup>	X <sup>2</sup>
	V40z						X <sup>1</sup>	X <sup>1</sup>	X <sup>2</sup>	X <sup>2</sup>	X <sup>2</sup>	X <sup>2</sup>
	x4100								X <sup>2, 3, 4</sup>		X <sup>2, 5, 6</sup>	X <sup>2, 5, 6</sup>
	x4200								X <sup>2, 3, 4</sup>		X <sup>2, 5, 6</sup>	X <sup>2, 5, 6</sup>

<sup>1</sup> Only single-core AMD Opteron support.

<sup>2</sup> Both single-core and dual-core AMD Opteron support.

<sup>3</sup> Supported only in a boot-from-SAN configuration.

<sup>4</sup> USB device configuration may cause an error during ESX installation. Please refer to KB article 2014 ([www.vmware.com/support/kb/enduser/std\\_adp.php?p\\_faqid=2014](http://www.vmware.com/support/kb/enduser/std_adp.php?p_faqid=2014)) for more details and a valid workaround.

<sup>5</sup> The workaround from KB article 2085 is no longer supported with ESX 2.5.3 installation. Please upgrade to ESX Server 2.5.4.

<sup>6</sup> Onboard LSI 1064 hardware supported only in non-RAID configuration.

**Table 13.** Unisys

Product	Model	ESX Server 1.5.2	ESX Server 2	ESX Server 2.0.1	ESX Server 2.1	ESX Server 2.1.1	ESX Server 2.1.2	ESX Server 2.5	ESX Server 2.5.1	ESX Server 2.5.2	ESX Server 2.5.3	ESX Server 2.5.4	ESX Server 2.5.5
ES3000 Line	ES3105									X	X	X	X
	ES3120						X	X	X	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>
	ES3120L						X	X	X	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>
	ES3040L	X	X	X	X	X	X	X	X	X	X	X	X
	ES3140									X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>
	ES3140L									X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>

<sup>1</sup> Supported with the Intel Xeon single-core and dual-core processor (Paxville).

## Currently Qualified Guest Operating Systems

For more information on guest operating system support and installation, please refer to the *Guest Operating System Installation Guide* at [http://www.vmware.com/pdf/GuestOS\\_guide.pdf](http://www.vmware.com/pdf/GuestOS_guide.pdf).

## Currently Qualified Hardware Lifecycle Management Applications

For information on currently qualified systems management applications for ESX Server, refer to [VMware ESX Server Supported Lifecycle Management Agents](#).



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