The following Voluntary Product Accessibility information refers to the Apple Xserve. For more information on the accessibility features of the Xserve, visit Apple's accessibility Web site at http://www.apple.com/accessibility.

Summary Table
Voluntary Product Accessibility Template

Standards Subpart	Remarks
§ 1194.21 Software applications and operating systems.	Xserve comes with the Mac OS X Server operating system (the Xserve tested was running Mac OS X Server 10.5.3). Accessibility information for Mac OS X Server is available at http://www.apple.com/accessibility/.
§ 1194.22 Web-based intranet and internet information and applications.	**Not applicable**
§ 1194.23 Telecommunications products.	**Please refer to the attached VPAT.** 1194.23(k) and its subparts apply to the Xserve.
§ 1194.24 Video and multimedia products.	**Not applicable**
§ 1194.25 Self contained, closed products.	**Not applicable**
§ 1194.26 Desktop and portable computers.	**Please refer to the attached VPAT**
§ 1194.31 Functional performance criteria.	**Please refer to the attached VPAT and to the Mac OS X Server VPAT at** http://www.apple.com/accessibility/.
§ 1194.41 Information, documentation, and support.	**Please refer to the attached VPAT**

Subpart B -- Technical Standards

§ 1194.23 Telecommunications products.

Criteria	Supporting Features	Remarks and explanations
(a) Telecommunications products or systems which provide a function allowing voice communication and which do not themselves provide a TTY functionality shall provide a standard non-acoustic connection point for TTYs. Microphones shall be capable of being turned on and off to allow the user to intermix speech with TTY use.	**Not applicable**	
(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	**Not applicable**	
(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	**Not applicable**	
(d) Voice mail, messaging, auto-attendant, and interactive voice response telecommunications systems that require a response from a user within a time interval, shall give an alert when the time interval is about to run out, and shall provide sufficient time for the user to indicate more time is required.	**Not applicable**	
(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.	**Not applicable**	
(f) For transmitted voice signals, telecommunications products shall provide a gain adjustable up to a minimum of 20 dB. For incremental volume control, at least one intermediate step of	**Not applicable**	

12 dB of gain shall be provided.		
(g) If the telecommunications product allows a user to adjust the receive volume, a function shall be provided to automatically reset the volume to the default level after every use.	**Not applicable**	
(h) Where a telecommunications product delivers output by an audio transducer which is normally held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.	**Not applicable**	
(i) Interference to hearing technologies (including hearing aids, cochlear implants, and assistive listening devices) shall be reduced to the lowest possible level that allows a user of hearing technologies to utilize the telecommunications product.	**Not applicable**	
(j) Products that transmit or conduct information or communication, shall pass through cross-manufacturer, non-proprietary, industry-standard codes, translation protocols, formats or other information necessary to provide the information or communication in a usable format. Technologies which use encoding, signal compression, format transformation, or similar techniques shall not remove information needed for access or shall restore it upon delivery.	**Not applicable**	
(k) Products which have mechanically operated controls or keys, shall comply with the following:		
(1) Controls and keys shall be tactilely discernible without activating the controls or keys.	**Supported**	Xserve does not include a keyboard or mouse. When configured with a standard Apple keyboard and mouse, Xserve supports these assistive

		features.
(2) Controls and keys shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2 N) maximum.	**Supported**	Sticky Keys, Mouse Keys and Slow Keys can be used for one-hand operation of the Xserve.
(3) If key repeat is supported, the delay before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per character.	**Supported**	Key repeat can be configured at the system level.
(4) The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.	**Supported with minor exceptions**	1. Visual and aural indicators are adjustable via the Universal Access panel in System Preferences. 2. When key sounds and key display are turned on, the locking status of modifier keys is made visible on the screen as well as through audible alerts.

§ 1194.26 Desktop and portable computers.

Criteria	Supporting Features	Remarks and explanations
(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	**Supported with minor exceptions**	See 1194.23(k1-4).
(b) If a product utilizes touchscreens or touch-operated controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	**Not applicable**	
(c) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	**Not applicable**	
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards.	**Supported with minor exceptions**	The Xserve has two expansion slots. It has connectors located on the back of the unit, all of which are compliant with publicly available industry standards.

Subpart C -- Functional Performance Criteria

§ 1194.31 Functional performance criteria.

Criteria	Supporting Features	Remarks and explanations
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for assistive technology used by people who are blind or visually impaired shall be provided.	**Supported with exceptions**	VoiceOver provides access to the operating-system controls, including initial set-up and log-in, as well as numerous applications. Xserve does not include a speaker for audio output but supports external audio output devices. When such a device is utilized, audio features of the Mac OS X Server operating system are available.
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for assistive technology used by people who are visually impaired shall be provided.	**Supported**	Visually impaired users can take advantage of Zoom, the screen magnifier built into Mac OS X Server.
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for assistive technology used by people who are deaf or hard of hearing shall be provided.	**Supported**	Visual alerts can be used in place of, or in conjunction with, audible alerts.
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.	**Supported**	Volume can be controlled at the system level. External speakers can be attached if necessary for further amplification. Xserve does not provide a speaker for audio output but supports external audio output devices. When such a device is utilized, audio features of the Mac OS X Server operating system are available.
(e) At least one mode of operation and information	**Supported**	Speech is not required for operation or information

retrieval that does not require user speech shall be provided, or support for assistive technology used by people with disabilities shall be provided.		retrieval.
(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.	**Supported**	Sticky Keys and Slow Keys can be used to avoid simultaneous actions. Mouse keys can be used in place of a mouse.

Subpart D -- Information, Documentation, and Support

§ 1194.41 Information, documentation, and support.

Criteria	Supporting Features	Remarks and explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.	**Supported**	Support documentation is available at http://www.apple.com/support/ Product documentation in PDF format is available at http://www.apple.com/server/resources/
(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.	**Supported**	Information about Apple access technologies is available at http://www.apple.com/accessibility.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	**Supported**	Support via the Internet is available through the Apple Knowledge base at http://www.apple.com/support/ Apple can also assist customers using TDD. For additional information on the many service and support options offered by Apple visit www.apple.com/support.

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