

## Apple G5

<b>Standards Subpart</b>	<b>Remarks</b>
§ 1194.21 Software applications and operating systems.	The G5 comes with the Macintosh OSX operating system. Accessibility information for OSX is available at <a href="http://www.apple.com/accessibility/">http://www.apple.com/accessibility/</a> .
§ 1194.22 Web-based intranet and internet information and applications.	<b>Not applicable</b>
§ 1194.23 Telecommunications products.	<b>Please refer to the attached VPAT:</b> Standard 1194.23(k) and its subparts apply to the G5.
§ 1194.24 Video and multimedia products.	<b>Please refer to the attached VPAT</b>
§ 1194.25 Self contained, closed products.	<b>Not Applicable:</b> The G5 is not a self-contained, closed product.
§ 1194.26 Desktop and portable computers.	<b>Please refer to the attached VPAT</b>
§ 1194.31 Functional performance criteria.	<b>Please refer to the attached VPAT and to the OSX VPAT at</b> <a href="http://www.apple.com/accessibility/">http://www.apple.com/accessibility/</a> .
§ 1194.41 Information, documentation, and support.	<b>Please refer to the attached VPAT</b>

### Subpart B -- Technical Standards

#### § 1194.23 Telecommunications products.

<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(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.	<b>Not Applicable</b>	
(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	<b>Not Applicable</b>	
(c) Voice mail, auto-attendant, and interactive voice response	<b>Not Applicable</b>	

telecommunications systems shall be usable by TTY users with their TTYs.		
(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.	<b>Not Applicable</b>	
(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.	<b>Not Applicable</b>	
(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 12 dB of gain shall be provided.	<b>Not Applicable</b>	
(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.	<b>Not Applicable</b>	
(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.	<b>Not Applicable</b>	
(i) Interference to hearing	<b>Not Applicable</b>	

<p>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.</p>		
<p>(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.</p>	<p><b>Not Applicable</b></p>	
<p>(k) Products which have mechanically operated controls or keys, shall comply with the following:</p>		
<p>(1) Controls and keys shall be tactilely discernible without activating the controls or keys.</p>	<p><b>Supported with minor exceptions</b></p>	<p>Keyboard keys (F, J, and numpad 5) have discernable nubs to assist users in keyboard orientation. The power button on the G5 is flush with the front surface and can be difficult to locate, although it is the only button on the front surface. Note that shutting down the computer daily is not necessary; the computer and Mac OS X are designed to be "always on" and support a low-power sleep mode when not in use.</p>

(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.	<b>Supported</b>	
(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.	<b>Supported</b>	This delay is configurable with the OSX operating system.
(4) The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.	<b>Supported with minor exception</b>	Caps Lock is the only locking key or control. It does show a light when caps lock is on, but is not discernible by touch.

**§ 1194.24 Video and multimedia products.**

Criteria	Supporting Features	Remarks and explanations
(a) All analog television displays 13 inches and larger, and computer equipment that includes analog television receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals. As soon as practicable, but not later than July 1, 2002, widescreen digital television (DTV) displays measuring at least 7.8 inches vertically, DTV sets with conventional displays measuring at least 13 inches vertically, and stand-alone DTV tuners, whether or not they are marketed with display	<b>Not Applicable</b>	

<p>screens, and computer equipment that includes DTV receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals.</p>		
<p>(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.</p>	<b>Not Applicable</b>	
<p>(c) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain speech or other audio information necessary for the comprehension of the content, shall be open or closed captioned.</p>	<b>Not Applicable</b>	
<p>(d) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain visual information necessary for the comprehension of the content, shall be audio described.</p>	<b>Not Applicable</b>	
<p>(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.</p>	<b>Not Applicable</b>	

**§ 1194.26 Desktop and portable computers.**

Criteria	Supporting Features	Remarks and explanations
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(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	<b>Supported with minor exceptions</b>	See 1194.23(k.1).
(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).	<b>Not Applicable</b>	
(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.	<b>Not Applicable</b>	
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards.	<b>Supported</b>	All expansion slots, ports, and connectors are compliant with publicly available industry standards, including USB, FireWire (IEEE 1394), ADC, and _" audio.

## 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.	<b>Supported with exceptions</b>	Some feedback is provided audibly, such as confirmation that the system has been turned on. Operation and information retrieval are controlled via the operating system, and are documented in the OS X VPAT document at <a href="http://www.apple.com/accessibility/">http://www.apple.com/accessibility/</a> .
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be	<b>Supported with exceptions</b>	Operation and information retrieval are controlled via the operating system, and are documented in the OS X VPAT document at <a href="http://www.apple.com/accessibility/">http://www.apple.com/accessibility/</a>

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.		
(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.	<b>Supported</b>	Operation and information retrieval are controlled via the operating system, and are documented in the OS X VPAT document at <a href="http://www.apple.com/accessibility/">http://www.apple.com/accessibility/</a>
(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.	<b>Supported</b>	Operation and information retrieval are controlled via the operating system, and are documented in the OS X VPAT document at <a href="http://www.apple.com/accessibility/">http://www.apple.com/accessibility/</a>
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for assistive technology used by people with disabilities shall be provided.	<b>Supported with exceptions</b>	Speech is not required for operation or information 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.	<b>Supported with exceptions</b>	Operation and information retrieval are controlled via the operating system, and are documented in the OS X VPAT document at <a href="http://www.apple.com/accessibility/">http://www.apple.com/accessibility/</a>

## 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.	<b>Supported</b>	Support documentation is available on the Web in HTML at <a href="http://www.apple.com/support/">http://www.apple.com/support/</a> . Some documents are available only in PDF on the Web site, but will be made available upon request. <b>(IS THIS TRUE?)</b>
(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.	<b>Supported</b>	Information about Apple product access features is available at <a href="http://www.apple.com/accessibility">http://www.apple.com/accessibility</a> .
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	<b>Supported</b>	Email support is available.