

VPAT for VPAT_ThinkPad X1 Carbon Ultrabook (2nd)

VPAT comments:	http://shop.lenovo.com/us/en/laptops/thinkpad/x-series/x1-carbon/
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VPAT Summary

Criteria	Status	Remarks and Explanations
§ 508-1194.21 Software Applications and Operating Systems	Supports	Refer to Section 1194.21 in VPAT Details section below.
§ 508-1194.22 Web Sites and Applications	Not Applicable	Refer to Section 1194.22 in VPAT Details section below.
§ 508-1194.23 Telecommunications products	Supports	Refer to Section 1194.23 in VPAT Details section below.
§ 508-1194.24 - Video and Multimedia Products.	Not Applicable	Refer to Section 1194.24 in VPAT Details section below.
§ 508-1194.25 - Self Contained, Closed Products	Supports	Refer to Section 1194.25 in VPAT Details section below.
§ 508-1194.26 Desktop and portable computers.	Supports	Refer to Section 1194.26 in VPAT Details section below.
§ 508-1194.31 Functional performance criteria	Supports	Refer to Section 1194.31 in VPAT Details section below.
§ 508-1194.41 Information, documentation, and support	Supports	Refer to Section 1194.41 in VPAT Details section below.

VPAT Details

§ 508-1194.21 Software Applications and Operating Systems - Detail

Criteria	Supports	Remarks and Explanations
(a) Ensure keyboard control of application	Supports A keyboard can be used to achieve all tasks in the application, allowing blind and mobility-impaired users to access information without the use of the mouse.	Product meets accessibility criteria.
(b) Applications shall not disrupt or disable accessibility features	Supports Operating systems provide accessibility features that allow disabled users to customize their references. This application preserves those accessibility user preference settings. For example, if Sticky Keys option is selected by a mobility-impaired user, this option will continue to be activated when used with this application.	Product meets accessibility criteria. Product does not interfere with keyboard accessibility features built into the operating system.

Criteria	Supports	Remarks and Explanations
(c) On-screen & programmatic indication of focus	<p>Supports</p> <p>When using the application with a keyboard, users can tell where they are on the screen and the information is available to assistive technologies to communicate screen location to visually impaired users.</p>	<p>Product meets accessibility criteria. On screen focus is well defined.</p>
(d) Information about a user interface element must be textually available	<p>Supports</p> <p>This software application allows a screen reader to describe the user interface environment and controls to a blind user. For example, if you tab through a form and find a radio button, the user would be able to determine it is a radio button and the current selection status of the button.</p>	<p>Product meets accessibility criteria. Text is provided as an option to the user.</p>
(e) Use images in a standard fashion	<p>Supports</p> <p>The meaning assigned to images used in the application is consistent and unique, minimizing confusion of the context of use for those images.</p>	<p>Product meets accessibility criteria. All applications have consistent use of programmatic elements.</p>
(f) Textual information shall be provided through operating system functions	<p>Supports</p> <p>Text information is accessible so assistive technologies can communicate content, attributes and caret location to blind users.</p>	<p>Product meets accessibility criteria.</p>
(g) Applications shall not override user selected contrast and color selections.	<p>Supports</p> <p>System settings are inherited by the application so that customized preferences will not need to be continually reset. For example, color contrast settings enhanced for a low vision user would be preserved by the application.</p>	<p>Product meets accessibility criteria. Applications do not override user selected contrast and color selections.</p>
(h) Ensure information is displayable without animation	<p>Supports</p> <p>Application provides an option to display animation in a nonanimated mode, allowing users with vision impairments equal access to the same information and reliable interaction with assistive technology.</p>	<p>Product meets accessibility criteria.</p>
(i) Color not the only means of conveying information.	<p>Supports</p> <p>Color is used only as an enhancement, and an alternate means to convey information or indicate an action is available to users with visual impairments.</p>	<p>Product meets accessibility criteria. Color is only used as an enhancement and is not used to convey information.</p>

Criteria	Supports	Remarks and Explanations
(j) Color settings control	Supports When color customization is supported, a variety of color selections and a range of contrast improves accessibility for users with vision impairments.	Product meets accessibility criteria.
(k) Do not use flashing or blinking elements	Supports The use of blinking text, objects or elements has been avoided, reducing risk of seizures for users with photosensitive epilepsy.	Product meets accessibility criteria. Applications do not use blinking and flashing objects.
(l) Ensure usability of electronic forms	Supports The application design allows assistive technology access to information, field elements, and functionality required to complete and submit forms.	Product meets accessibility criteria. Electronic forms are not used.

§ 508-1194.22 Web Sites and Applications - Detail

Criteria	Supports	Remarks and Explanations
(a) Text equivalent of non-text items	Not Applicable	Not Applicable.
(b) Provide synchronized alternatives for media	Not Applicable	Not Applicable
(c) Information should not be conveyed only with color	Supports	Product meets accessibility criteria. Color is only used as an enhancement and is not used to convey information.
(d) Documents must be readable without style sheets	Not Applicable	Not Applicable
(e) Redundant text link for server-side image maps	Not Applicable	Not Applicable
(f) Client side images maps should be used	Not Applicable	Not Applicable
(g) Identify table headers	Not Applicable	Not Applicable
(h) Associate table and header cells	Not Applicable	Not Applicable
(i) Properly title frames	Not Applicable	Not Applicable
(j) Avoid causing pages to flicker	Supports	Product meets accessibility criteria. Applications do not use blinking and flashing objects.
(k) As a last resort provide a text-only page	Not Applicable	Not Applicable
(l) Ensure scripts are accessible	Not Applicable	Not Applicable
(m) Provide a link to an accessible plug-in	Not Applicable	Not Applicable

Criteria	Supports	Remarks and Explanations
(n) Ensure electronic forms are accessible	Not Applicable	Not Applicable
(o) Provide a method for skipping repetitive links	Not Applicable	Not Applicable
(p) Ensure user control over timed responses	Not Applicable	Not Applicable.

§ 508-1194.23 Telecommunications products - Detail

Criteria	Supports	Remarks and Explanations
(a) Product must support the use of TTY devices	Not Applicable	Not Applicable. Not a telecommunication product.
(b) Product must support all standard TTY signal protocols	Not Applicable	Not Applicable. Not a telecommunication product.
(c) IVR systems must provide TTY support.	Not Applicable	Not Applicable. Not a telecommunication product.
(d) Timed responses should alert the user and must provide sufficient time for a response	Not Applicable	Not Applicable.
(e) Caller ID and other similar functions shall be provided in an accessible format	Not Applicable	Not Applicable. Not a telecommunication product.
(f) Ensure adjustable gain control	Not Applicable	Not Applicable. Not a telecommunication product.
(g) Reset volume after use	Not Applicable	Not Applicable. Not a telecommunication product.
(h) Ensure magnetic wireless coupling is supported	Not Applicable	Not Applicable. Not a telecommunication product.
(i) Ensure compatibility with assistive listening devices	Not Applicable	Not Applicable. Not a telecommunication product.
(j) Pass through cross-manufacturer, non-proprietary, industry-standard codes, translation protocols, formats or other information	Not Applicable	Not Applicable. Not a telecommunication product.
(k) Physical control requirements	<p>Supports</p> <p>Touch can be used to identify and distinguish controls and keys without activating them.</p> <p>Controls and latches can be reached and operated using one hand and require minimal dexterity for ease of use by mobility impaired users.</p> <p>An option to change keyboard repeat rate is provided so users can adjust the rate to accommodate their needs.</p>	<p>Product meets accessibility criteria. All controls are discernible without being activated. Force requirement for controls and latches is met.</p> <p>Controls and keys are also easily discernible and can be operated with one hand.</p>

Criteria	Supports	Remarks and Explanations
	The status of locking and toggle controls or keys can be seen as well as distinguished by touch and/or sound when activated.	

§ 508-1194.24 - Video and Multimedia Products. - Detail

Criteria	Supports	Remarks and Explanations
(a) Caption decoder circuitry	Not Applicable	Not Applicable
(b) Secondary audio playback circuitry	Not Applicable	Not Applicable
(c) Content shall be open or closed captioned	Not Applicable	Not Applicable
(d) Content shall be audio described	Not Applicable	Not Applicable
(e) Captioning or audio description selectability	Not Applicable	Not Applicable

§ 508-1194.25 - Self Contained, Closed Products - Detail

Criteria	Supports	Remarks and Explanations
(a) Do not require assistive technology for product use	Not Applicable	Not Applicable
(b) Ensure timed responses are not required	Not Applicable	Not Applicable.
(c) Ensure touch screens and controls are accessible	Not Applicable	Not Applicable
(d) Avoid biometric forms of identification as sole means of confirming identity	Supports	Product meets accessibility criteria. Alternative forms are available via internal keyboard or external keyboard.
(e) Provide audio in a standard fashion	Not Applicable	Not Applicable
(f) Provide volume control and automatic reset	Not Applicable	Not Applicable
(g) Avoid using color as the sole means of indicating information	Supports Color is used only as an enhancement, and an alternate means to convey information or indicate an action is available to users with visual impairments.	Product meets accessibility criteria. Color is only used as an enhancement and is not used to convey information.
(h) Provide a variety of color contrast settings	Not Applicable	Not Applicable
(i) Avoid causing screen flicker	Not Applicable	Not Applicable
(j) Ensure product controls can be physically accessed	Supports All controls are placed within easy reach, complying with	Not Applicable

Criteria	Supports	Remarks and Explanations
	industry standards, so that they are reachable and operable by mobility impaired users.	

§ 508-1194.26 Desktop and portable computers. - Detail

Criteria	Supports	Remarks and Explanations
(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through(4).	Supports See 1194.23(k) 1 through 4.	Product meets accessibility criteria. All criteria for 1194.23 (k) are satisfied.
(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).	Supports See 1194.23(k) 1 through 4.	Product meets accessibility criteria. Adaptive keys can be adjusted via configuration to display a particular key set, such as function keys.
(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.	Supports An alternative means to biometric identification is available.	Product meets accessibility criteria. Alternative forms are available via internal keyboard or external keyboard.
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards.	Supports The product design uses industry standard ports so that alternative equipment and assistive technologies can be accommodated.	Product meets accessibility criteria. Industry standard ports, slots, and connectors are used.

§ 508-1194.31 Functional performance criteria - Detail

Criteria	Supports	Remarks and Explanations
(a) Ensure access for blind and visually impaired	Supports See the following for supporting features: - 1194.21 a, b, c, d, e, f, h, i, l - 1194.22 all - 1194.23 k1, k4 - 1194.24 d - 1194.25 a, b, c, e, f, g - 1194.26 b, d	Product meets accessibility criteria. Standard keyboard keys are tactilely discernible. A nub is used for home row keys "h" and "j". Status of power light can be determined by noise the system makes to indicate that it is on.
(b) Ensure access for low vision users	Supports See the following for supporting features: - 1194.21 c, g, i, j, l - 1194.22 n - 1194.25 h - 1194.26 d	Product meets accessibility criteria. Adaptive keys are located in a consistent location. Operation and information retrieval can be performed in audio(screen reader) or application operation and information can be enlarged or presented in high-contrast mode.

Criteria	Supports	Remarks and Explanations
(c) Ensure access for deaf individuals	<p>Supports</p> <p>Hardware is designed to alert the software application of system sounds when needed and the software then provides a visual cue so that deaf or hard of hearing users can complete the task. See the following for other supporting features:</p> <ul style="list-style-type: none"> - 1194.22 b, m - 1194.23 k4 - 1194.24 c - 1194.25 e, f 	<p>Product meets accessibility criteria.</p> <p>User hearing is not required for system operation or information retrieval.</p>
(d) Ensure access for users with assistive hearing devices	<p>Supports</p> <p>Hardware provides a physical volume control and/or an interface so that volume can be controlled by software.</p> <p>See the following for other supporting features:</p> <ul style="list-style-type: none"> - 1194.23 k4 - 1194.25 e, f 	<p>Product meets accessibility criteria.</p>
(e) Ensure user speech is not required for access	<p>Supports</p>	<p>Product meets accessibility criteria.</p> <p>User speech is not required for system operation or information retrieval.</p>
(f) Ensure users with mobility impairments can use application	<p>Supports</p> <p>See the following for supporting features:</p> <ul style="list-style-type: none"> - 1194.21 a, b - 1194.22 l, p - 1194.23 k1, k2, k3 - 1194.25 b, j1, j2, j3, j4 - 1194.26 d 	<p>Product meets accessibility criteria.</p> <p>All active controls have associated keyboard functions. Touch screen can be operated with a stylus requiring minimum strength or fine motor control.</p>

§ 508-1194.41 Information, documentation, and support - Detail

Criteria	Supports	Remarks and Explanations
(a) Product documentation must be provided in alternate formats	<p>Supports</p> <p>Product support documentation is provided in at least one accessible format.</p>	<p>Product meets accessibility criteria.</p> <p>Documentation is available in accessible format.</p>
(b) Describe accessibility features properly	<p>Supports</p> <p>Documentation includes a description of accessibility and compatibility features that make it easier for people with disabilities to use the product. Those descriptions are available in alternate formats upon request.</p>	<p>Product meets accessible criteria. A description of the accessibility and compatibility features of products is available upon request.</p>

Criteria	Supports	Remarks and Explanations
(c) Support the communication mode of users with disabilities	<p>Supports</p> <p>In addition to standard IBM help desk and support Web sites, IBM has established a TTY telephone service for use by deaf or hard of hearing customers to access sales and support services.</p>	<p>Product meets accessibility criteria. Support services are available through multiple modes, including phone, e-mail, and chat. TTY telephone service for use by deaf or hard of hearing customers is also available for support services.</p>

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