

VPAT for VPAT_IdeaCentre K450 (Accessible)

VPAT comments:	http://shop.lenovo.com/us/en/desktops/ideacentre/k-series/k450/
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VPAT Summary

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

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>	Product meets accessibility criteria.
(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>	Product meets accessibility criteria.
(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>	Product meets accessibility criteria.
(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>	Product meets accessibility criteria.
(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>	Product meets accessibility criteria.
(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>	Product meets accessibility criteria.
(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>	Product meets accessibility criteria.

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.	Not applicable
(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.
(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.	Not applicable

§ 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	Does not Support	Not applicable.
(c) Information should not be conveyed only with color	Not Applicable	Not applicable.
(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	Not Applicable	Not applicable.
(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.
(n) Ensure electronic forms are accessible	Not Applicable	Not applicable.

Criteria	Supports	Remarks and Explanations
(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.
(b) Product must support all standard TTY signal protocols	Not Applicable	Not applicable.
(c) IVR systems must provide TTY support.	Not Applicable	Not applicable.
(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.
(f) Ensure adjustable gain control	Not Applicable	Not applicable.
(g) Reset volume after use	Not Applicable	Not applicable.
(h) Ensure magnetic wireless coupling is supported	Not Applicable	Not applicable.
(i) Ensure compatability with assistive listening devices	Not Applicable	Not applicable.
(j) Pass through cross-manufacturer, non-proprietary, industry-standard codes, translation protocols, formats or other information	Not Applicable	Not applicable.
(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. An option to change keyboard repeat rate is provided so users can adjust the rate to accommodate their needs.</p> <p>The status of locking and toggle controls or keys can be seen as well as distinguished by touch and/or sound when activated.</p>	<p>All controls and keys(touchsreen,keyborad,mouse) are discernible without being activated; Force requirement is met; Controls and keys are also easily be operated with one hand.</p>

§ 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	Supports	Product can be controlled by touch pad or keyboard and meets accessibility criteria.
(d) Avoid biometric forms of identification as sole means of confirming identity	Supports	Product meets accessibility criteria -- a keyboard can be used and biometric forms are not used.
(e) Provide audio in a standard fashion	Supports Audio signal is provided at a standard level via a standard connector so the audio can be interrupted, paused, or restarted at anytime.	Product provides audio function and follows industrial standard, which can be operated easily.
(f) Provide volume control and automatic reset	Supports	Product meets accessibility criteria -- volume control is provided.
(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.	Color coding is not the only means of conveying information, sound. Screen can be used for indication information at the same time.
(h) Provide a variety of color contrast settings	Supports	Product meets accessibility criteria.
(i) Avoid causing screen flicker	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.

Criteria	Supports	Remarks and Explanations
(j) Ensure product controls can be physically accessed	Supports All controls are placed within easy reach, complying with industry standards, so that they are reachable and operable by mobility impaired users.	Product meets accessibility criteria. Product controls can be easily accessed.

§ 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.
(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. Touch panel and touch buttons can be operated easily.
(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	Not applicable. Biometric forms are not used.
(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. Product supports expansion slots and ports such as Memory/mini-PCIe/USB3.0/HDMIin/Audio which are all compliant with industry standards.

§ 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.
(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	Product meets accessibility criteria.

Criteria	Supports	Remarks and Explanations
	- 1194.26 d	
(c) Ensure access for deaf individuals	Supports 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: - 1194.22 b, m - 1194.23 k4 - 1194.24 c - 1194.25 e, f	Product meets accessibility criteria.
(d) Ensure access for users with assistive hearing devices	Supports Hardware provides a physical volume control and/or an interface so that volume can be controlled by software. See the following for other supporting features: - 1194.23 k4 - 1194.25 e, f	Product meets accessibility criteria.
(e) Ensure user speech is not required for access	Supports	Product meets accessibility criteria. User speech is not required.
(f) Ensure users with mobility impairments can use application	Supports See the following for supporting features: - 1194.21 a, b - 1194.22 l, p - 1194.23 k1, k2, k3 - 1194.25 b, j1, j2, j3, j4 - 1194.26 d	Product meets accessibility criteria.

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

Criteria	Supports	Remarks and Explanations
(a) Product documentation must be provided in alternate formats	Supports Product support documentation is provided in at least one accessible format.	Product meets accessibility criteria. Documentation is provided in an accessible format.
(b) Describe accessibility features properly	Supports 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.	Product meets accessibility criteria.
(c) Support the communication mode of users with disabilities	Supports	Product meets accessibility criteria.

Criteria	Supports	Remarks and Explanations
	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.	

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