

# Lab.Computer Voluntary Product Accessibility Template (VPAT)

This Voluntary Product Accessibility Template, or VPAT, is a tool that administrators and decision-makers can use to evaluate Lab.Computer's conformance with the accessibility standards under [Section 508 of the Rehabilitation Act, EN 301 549 Accessibility requirements for ICT products and services - V3.1.1 \(2019-11\)](#) and [WCAG 2.2 AA](#).

## Accessibility Statement

Lab.Computer is committed to ensuring its products are inclusive and meet the diverse accessibility needs of our users. Lab.Computer strives for WCAG 2.2 Level A/AA, Section 508 and EN 301 549 conformance. Regular testing is conducted to identify conformance issues, with processes in place for timely remediation of accessibility issues that are identified. The statements below are accurate as of the date indicated.

## Lab.Computer Accessibility Conformance Report

(Based on VPAT® Version 2.5)

Name of Product: Lab.Computer  
Report Date: **Mar 2026**  
Product Description: Computer Lab as a Service on the cloud for Education and Hiring evaluation  
Contact Information: [info@lab.computer](mailto:info@lab.computer)  
Evaluation Methods Used: Manual and automated testing by Lab.Computer with supported screen readers (VoiceOver, NVDA, JAWS, Axe, Wave) and other accessibility technologies.

Applicable Standards/Guidelines: This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included in Report
Web Content Accessibility Guidelines 2.2	Level A (Yes) Level AA (Yes) Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	Yes
EN 301 549 Accessibility requirements for ICT products and services - V3.1.1 (2019-11) AND EN 301 549 Accessibility requirements for ICT products and services - V3.2.1 (2021-03)	Yes

## Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.

## WCAG 2.2 Report

This table documents conformance of the Lab.Computer (including web content, electronic documents, software components, and authoring systems) with WCAG 2.2.

**Table 1: Success Criteria, Level A**

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.1.1 Non-text Content</a> (Level A)	Partially Supports	Lab.Computer provides text alternatives to default non-text content ( <code>alt</code> text).
<a href="#">1.2.1 Audio-only and Video-only (Prerecorded)</a> (Level A)	Supports	Lab.Computer does not contain audio-only or video-only content by default.
<a href="#">1.2.2 Captions (Prerecorded)</a> (Level A)	Supports	Lab.Computer's videos contain captions.
<a href="#">1.2.3 Audio Description or Media Alternative (Prerecorded)</a> (Level A)	Supports	Lab.Computer has very few videos which have corresponding text based documents.
<a href="#">1.3.1 Info and Relationships</a> (Level A)	Partially Supports	In most cases, Lab.Computer uses semantic HTML, headings, lists, and table markup so that structure and relationships can be programmatically determined or are available in text.
<a href="#">1.3.2 Meaningful Sequence</a> (Level A)	Partially Supports	Page layouts and component structures are designed so the reading and focus order follow a logical sequence that can be programmatically determined.
<a href="#">1.3.3 Sensory Characteristics</a> (Level A)	Supports	Lab.Computer does not contain instructions that rely solely on sensory characteristics such as shape, size, visual location, or sound

<a href="#">1.4.1 Use of Color</a> (Level A)	Supports	Lab.Computer does not convey information by color alone. Lab.Computer provides an Underline Links user feature option which provides enhanced link identification above and beyond this criteria. Also, error messages are easy to understand though they are marked in Red.
<a href="#">1.4.2 Audio Control</a> (Level A)	Supports	Lab.Computer does not contain prerecorded audio.
<a href="#">2.1.1 Keyboard</a> (Level A)	Partially Supports	In most cases Lab.Computer ensures that interactive content and functionality is accessible and operable using a keyboard alone.  Exceptions: While most interactive elements are included in the tab order, there are some exceptions in admin and jupyter notebook related UI.
<a href="#">2.1.2 No Keyboard Trap</a> (Level A)	Supports	Lab.Computer does not trap focus when navigated by keyboard.
<a href="#">2.1.4 Character Key Shortcuts</a> (Level A 2.1 only)	Partially Supports	Lab.Computer does not use character key shortcuts, however,Jupyter Notebook has default behavior that has some character key shortcuts.
<a href="#">2.2.1 Timing Adjustable</a> (Level A)	Supports	Lab.Computer does not time-out interface elements or content by default. Where time limits are user definable for content like exams or quizzes, the time limits can be modified for specific users. They can be set properly by the Instructor.
<a href="#">2.2.2 Pause, Stop, Hide</a> (Level A)	Partially Supports	Lab.Computer generally does not contain moving, blinking, scrolling, or auto-updating content. However, Jupyter Notebook has some of such features to show program output.
<a href="#">2.3.1 Three Flashes or Below Threshold</a> (Level A)	Supports	Lab.Computer does not contain any flashing content.

<a href="#">2.4.1 Bypass Blocks</a> (Level A)	Partially Supports	Lab.Computer does not have blocks that need to be skipped in most pages except in Jupyter Notebook when Esc or Ctrl Home can be used to go to the first cell of the Notebook.
<a href="#">2.4.2 Page Titled</a> (Level A)	Supports	Pages in Lab.Computer have appropriate titles to describe their purpose.
<a href="#">2.4.3 Focus Order</a> (Level A)	Partially Supports	Navigating Lab.Computer by keyboard occurs in consistent and logical sequence, generally top-to-bottom and left-to-right. There may be some limitations while using Jupyter Notebook.
<a href="#">2.4.4 Link Purpose (In Context)</a> (Level A)	Supports	The purpose of each link in Lab.Computer is clearly identified by its text, supplemented with labels when necessary.
<a href="#">2.5.1 Pointer Gestures</a> (Level A 2.1 only)	Supports	Lab.Computer does not require navigation by multipoint or path-based gestures.
<a href="#">2.5.2 Pointer Cancellation</a> (Level A 2.1 only)	Supports	No actions in Lab.Computer complete on mouse-down, and thus can be aborted by moving the mouse away from the button or target area before mouse-up.
<a href="#">2.5.3 Label in Name</a> (Level A 2.1 only)	Supports	For controls with visible labels, the accessible name includes the same text so speech input and screen readers are aligned.
<a href="#">2.5.4 Motion Actuation</a> (Level A 2.1 only)	Supports	Lab.Computer does not contain functionality that requires device motion or user motion.
<a href="#">3.1.1 Language of Page</a> (Level A)	Supports	On Lab.Computer, all pages specify a primary human language programmatically so assistive technologies can apply the correct voice and behavior.
<a href="#">3.2.1 On Focus</a> (Level A)	Supports	Moving focus between components does not by itself trigger navigation, form submission, or other changes of context.
<a href="#">3.2.2 On Input</a> (Level A)	Supports	Changing form values or inputs does not automatically cause unexpected navigation; context changes occur on explicit user actions like clicking buttons.

<p><a href="#">3.2.6 Consistent Help</a> (Level A 2.2 only)</p>	<p>Partially Supports</p>	<p>On Lab.Computer, help mechanisms occur in the same order relative to other page content where help is made available but custom notebook/assignment interfaces can behave differently.</p>
<p><a href="#">3.3.1 Error Identification</a> (Level A)</p>	<p>Supports</p>	<p>When validation fails, the affected inputs are clearly indicated and error messages describe what went wrong.</p>
<p><a href="#">3.3.2 Labels or Instructions</a> (Level A)</p>	<p>Supports</p>	<p>Inputs and controls that require user action are accompanied by labels and, where needed, brief instructions or helper text is provided.</p>
<p><a href="#">3.3.7 Redundant Entry</a> (Level A 2.2 only)</p>	<p>Supports</p>	<p>When Lab.Computer already has user data (such as identity or context), it reuses that information instead of requiring users to re-enter it unnecessarily.</p>
<p><a href="#">4.1.1 Parsing</a> (Level A)</p> <p>WCAG 2.0 and 2.1 - Always answer 'Supports' WCAG 2.2 (obsolete and removed) - Does not apply</p>	<p>Partially Supports</p>	<ul style="list-style-type: none"> <li>● WCAG 2.0 / 2.1: Considered supported per W3C errata; modern HTML and browsers handle parsing reliably.</li> <li>● WCAG 2.2: Not applicable because this success criterion has been removed from WCAG 2.2.</li> </ul>
<p><a href="#">4.1.2 Name, Role, Value</a> (Level A)</p>	<p>Supports</p>	<p>Lab.Computer components use semantic HTML and ARIA so that their name, role, state, and value can be programmatically determined.</p>

**Table 2: Success Criteria, Level AA**

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.4 Captions (Live)</a> (Level AA)	Not Applicable	Lab.Computer does not contain live audio or video functionality. Not Applicable (no built-in live A/V).
<a href="#">1.2.5 Audio Description (Prerecorded)</a> (Level AA)	Supports	Lab.Computer supports accessible delivery of prerecorded media (through YouTube interface).
<a href="#">1.3.4 Orientation</a> (Level AA 2.1 only)	Supports	UI works in both portrait and landscape; not locked.
<a href="#">1.3.5 Identify Input Purpose</a> (Level AA 2.1 only)	Supports	Lab.Computer input field purposes can be programmatically determined.
<a href="#">1.4.3 Contrast (Minimum)</a> (Level AA)	Partially Supports	Most Lab.Computer text and images of text meet or exceed the 4.5:1 contrast ratio, but a small number of secondary or subtle UI elements fall below this threshold and are being improved over time.
<a href="#">1.4.4 Resize text</a> (Level AA)	Supports	Lab.Computer text can be resized up to 200% using browser or OS zoom without loss of content or core functionality in typical workflows.
<a href="#">1.4.5 Images of Text</a> (Level AA)	Supports	Images of text are not provided by Lab.Computer.

<a href="#">1.4.10 Reflow</a> (Level AA 2.1 only)	Partially Supports	Lab.Computer pages can be used at narrow viewport widths or high zoom without loss of information or functionality.  Exceptions: Jupyter Notebook code that should not be wrapped around will require horizontal scrolling or show layout issues.
<a href="#">1.4.11 Non-text Contrast</a> (Level AA 2.1 only)	Partially Supports	In most cases, Lab.Computer graphical objects and interactive UI elements meet or exceed a 3:1 contrast ratio, but some icons, borders, or secondary indicators may not yet consistently reach this threshold and are being iteratively improved.
<a href="#">1.4.12 Text Spacing</a> (Level AA 2.1 only)	Supports	When users increase line, paragraph, letter, or word spacing via custom styles or tools, Lab.Computer content remains readable and functional without clipping or overlap in normal use. Increased spacing via custom CSS/extension doesn't break content in typical use.
<a href="#">1.4.13 Content on Hover or Focus</a> (Level AA 2.1 only)	Supports	Tooltips/popovers remain while hovered/focused, can be dismissed, and don't vanish on path to content.
<a href="#">2.4.5 Multiple Ways</a> (Level AA)	Supports	Pages reachable via global navigation, contextual navigation, and sometimes search/filter.
<a href="#">2.4.6 Headings and Labels</a> (Level AA)	Supports	Lab.Computer pages contain a single H1 header describing the purpose of its content, and any additional headers follow single-steps and maintain logical structure.
<a href="#">2.4.7 Focus Visible</a> (Level AA)	Partially Supports	Focus is consistently visible throughout Lab.Computer when navigated by keyboard in most cases.
<a href="#">2.4.11 Focus Not Obscured (Minimum)</a> (Level AA 2.2 only)	Partially Supports	Focus indicators are not fully hidden behind fixed UI.

<a href="#"><u>2.5.7 Dragging Movements</u></a> (Level AA 2.2 only)	Supports	Drag actions (where present) have click/keyboard alternatives.
<a href="#"><u>2.5.8 Target Size (Minimum)</u></a> (Level AA 2.2 only)	Supports	Primary interactive targets meet or approximate 24×24 CSS px or have adequate spacing.
<a href="#"><u>3.1.2 Language of Parts</u></a> (Level AA)	Supports	Product UI is monolingual; Lab.Computer does not introduce undocumented language changes.
<a href="#"><u>3.2.3 Consistent Navigation</u></a> (Level AA)	Supports	Shared navigation components appear in consistent locations across similar pages.
<a href="#"><u>3.2.4 Consistent Identification</u></a> (Level AA)	Supports	Reused components are labeled and behave consistently.
<a href="#"><u>3.3.3 Error Suggestion</u></a> (Level AA)	Supports	Error messages generally include suggestions for correction.
<a href="#"><u>3.3.4 Error Prevention (Legal, Financial, Data)</u></a> (Level AA)	Supports	If a user can change or delete legal, financial, or test data, the changes or deletions can be reversed, verified, or confirmed except student assignments post submission.
<a href="#"><u>3.3.8 Accessible Authentication (Minimum)</u></a> (Level AA 2.2 only)	Supports	Standard username/password; no cognitive tests like puzzles are required. “I am not a robot” test is also only through a check box validation.
<a href="#"><u>4.1.3 Status Messages</u></a> (Level AA 2.1 only)	Not Supported	Updates to content, status changes, and notifications that display visually have corresponding audio alerts for screen readers.

## Section 508 Report

### Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	Lab.Computer has been optimized to work well with screen readers such as JAWS, NVDA and VoiceOver.
302.2 With Limited Vision	Supports	Lab.Computer supports browser/OS zoom and screen magnification, with core tasks remaining usable at significantly increased magnification..
302.3 Without Perception of Color	Supports	Information and actions are not conveyed by color alone; text, icons, and patterns are used in combination so that users who cannot perceive color can still distinguish states and actions
302.4 Without Hearing	Supports	Lab.Computer's default operation does not depend on audio.
302.5 With Limited Hearing	Supports	Same as above: no critical built-in audio.
302.6 Without Speech	Not Applicable	Lab.Computer does not require speech input. All operations can be performed via keyboard, mouse, or touch without voice commands.
302.7 With Limited Manipulation	Supports	Core interactions do not require fine motor control or simultaneous key/pointer actions. Keyboard access and sufficiently sized targets allow operation with limited dexterity.
302.8 With Limited Reach and Strength	Supports	Tasks can be completed via keyboard and simple pointer actions; there is no requirement to sustain forceful or extended gestures, and controls are reachable within typical viewport layouts.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	Lab.Computer uses a relatively clean, task-focused interface. Key flows are broken into steps, and controls have consistent labels, the platform does not rely on unusual reading or memory demands for basic use.

#### Chapter 4: [Hardware](#)

Note: These criteria are all Not Applicable because Lab.Computer is not a Hardware Product.

#### Chapter 5: [Software](#)

Note: These criteria are Not Applicable as Lab.Computer is a web and cloud based application that does not directly access platform accessibility services. However, notable criteria are briefly discussed regarding authoring tools.

Criteria	Conformance Level	Remarks and Explanations
<b>504 : Authoring Tools</b>		
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	Supports	In editors where users create instructional content (e.g., rich text, descriptions, problem statements), Lab.Computer allows authors to use semantic structures such as headings and lists.
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	
504.2.2 PDF Export	Not Applicable	
504.3 Prompts	Not Applicable	Lab.Computer does not have image or video content inclusion in content creation..
504.4 Templates	Not Applicable	

**Chapter 6: [Support Documentation and Services](#)**

Criteria	Conformance Level	Remarks and Explanations
<b>602 : Support Documentation</b>		
602.2 Accessibility and Compatibility Features	Supports	Lab.Computer Documentation lists and explains “accessibility features and compatibility with assistive technology”.
602.3 Electronic Support Documentation	Supports	Online documentation is primarily web-based and follows Lab.Computer’s own WCAG-aligned UI patterns and comply with WCAG 2.0 Level A and AA Success Criteria.
602.4 Alternate Formats for Non-Electronic Support Documentation	Not Applicable	
<b>603 : Support Services</b>		
603.2 Information on Accessibility and Compatibility Features	Supports	Lab.Computer support channels can provide information about accessibility-related settings, behavior, and known limitations of the product.
603.3 Accommodation of Communication Needs	Supports	<p>Lab.Computer allows institutions to determine the support route for their users, which can include direct support from Lab.Computer Customer Support and/or their institution's helpdesk. Users can contact Lab.Computer Customer Support via email, phones and accessible chat services when it is made available.</p> <p>Hearing-impaired customers who wish to speak to a Lab.Computer Customer Support representative may use a telecommunications relay service (TRS).</p>

# EN 301 549 Report

## Clause 4: [Functional Performance Statements \(FPS\)](#)

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Supports	Lab.Computer has been optimized to work well with screen readers such as JAWS, NVDA and VoiceOver.
4.2.2 Usage with limited vision	Supports	Lab.Computer supports high zoom and screen magnification functionality.
4.2.3 Usage without perception of colour	Supports	Lab.Computer have no reliance on color alone.
4.2.4 Usage without hearing	Supports	No default platform dependence on audio.
4.2.5 Usage with limited hearing	Supports	No default platform dependence on audio.
4.2.6 Usage with no or limited vocal capability	Supports	No speech input is required.
4.2.7 Usage with limited manipulation or strength	Supports	Core interactions do not require fine motor control or simultaneous key/pointer actions. Keyboard access and sufficiently sized targets allow operation with limited dexterity.
4.2.8 Usage with limited reach	Supports	Lab.Computer does not require fine motor control or simultaneous actions. It is accessible via keyboard and touch devices.
4.2.9 Minimize photosensitive seizure triggers	Supports	No built-in flashing content at seizure-risk frequencies..

4.2.10 Usage with limited cognition, language or learning	Supports	Lab.Computer user interface is straight forward. Digital content, navigation, and interfaces are predictable, simple, and consistent to support users with cognitive disabilities.
4.2.11 Privacy	Supports	Use of assistive technologies does not expose additional personal data; privacy is handled consistently across users.

**Clause 5: [Generic Requirements](#)**

Note: These criteria are not applicable because it is about Closed Functionality. Functionality within Lab.Computer is not closed to prevent users from utilizing their own assistive technologies.

**Clause 6: [ICT with Two-Way Voice Communication](#)**

Note: These criteria are not applicable as Lab.Computer does not involve two-way communication.

**Clause 7: [ICT with Video Capabilities](#)**

Note: These criteria are not applicable as Lab.Computer is not a video communication tool.

**Clause 8: [Hardware](#)**

Note: These criteria are all Not Applicable because Lab.Computer is not a Hardware Product.

**Clause 9: [Web](#) (see WCAG 2.x section)**

Note: This section is covered in the WCAG report.

**Clause 10: [Non-Web Documents](#)**

Note: These criteria are not applicable as Lab.Computer is fully web-based.

**Clause 11: [Software](#)**

Note: These criteria are not applicable as Lab.Computer is a web application.

**Clause 12: [Documentation and Support Services](#)**

Criteria	Conformance Level	Remarks and Explanations
<b>12.1 : Product Documentation</b>		
12.1.1 Accessibility and compatibility features	Supports	Lab.Computer Documentation lists and explains “accessibility features and compatibility with assistive technology”.
12.1.2 Accessible documentation	See WCAG 2.x section	See information in WCAG 2.x
<b>12.2 : Support Services</b>		
12.2.2 Information on accessibility and compatibility features	Supports	Lab.Computer Documentation lists and explains “accessibility features and compatibility with assistive technology”.
12.2.3 Effective communication	Supports	Lab.Computer allows institutions to determine the support route for their users, which can include direct support from Lab.Computer Customer Support and/or their institution's helpdesk. Users can contact Lab.Computer Customer Support via email, phones and accessible chat services when it is made available.  Hearing-impaired customers who wish to speak to a Lab.Computer Customer Support representative may use a telecommunications relay service (TRS).
12.2.4 Accessible documentation	See WCAG 2.x section	See information in WCAG 2.x

**Clause 13: [ICT Providing Relay or Emergency Services Access](#)**

Note: These criteria are not applicable as Lab.Computer does not include relay or emergency service.

## Legal Disclaimer

This document is for informational purposes only and the contents are subject to change without notice.