



# System Components and Requirements

The following components need to be in place before implementing LENA Grow.

### LENA Device Chargers (required)

The LENA device battery should be charged between LENA Days. Use the LENA-supplied Multi Dock, a powered multi-port USB station equipped with USB cables for charging and data transfer.

International customers: Acquire the appropriate wall plug adapter for use with the Multi Dock.

<b>Charger Output</b>	500 mA (.5A) per USB port
<b>Cables</b>	Standard USB to USB micro-B 5-pin male

\*Pre-2017 customers with recorder serial numbers under 20000 require USB mini-B 5-pin male cables

### LENA Hub Computer (required)

LENA Hub is the device transfer software. You will install it on at least one computer that is connected to the internet, dedicated for LENA, and meets or exceeds these specifications:

<b>Processor</b>	Intel Core i5 or AMD A10, 4 logical processors
<b>Memory</b>	8 GB
<b>Display</b>	1024 X 768 monitor
<b>Hard Disk Space</b>	100 GB free space
<b>Operating System</b>	Windows 10, not in S mode (VMs not supported)
<b>USB</b>	At least one USB 2.0 or USB 3.0 port
<b>Internet</b>	2 Mbps <i>upload</i> internet connection
<b>Other</b>	Microsoft .NET Framework 4.6.1 or higher to install.

LENA Hub for Cloud Processing uploads your device data to our secure servers for analysis. **Cloud processing cannot be used on slow internet connections** and is **not recommended on cellular connections** (hotspot/MiFi) due to file size and data limits. If you do not have access to a 2 Mbps upload connection, contact LENA Support at +1.303.441.9072 or [Support@LENA.org](mailto:Support@LENA.org) to discuss your options.

### LENA Online Internet Access (required)

LENA Online is the website you will use to manage child information, view LENA reports, and access LENA videos. For data management and reports, log in at <https://o.LENA.org> from any computer running **Google Chrome**.

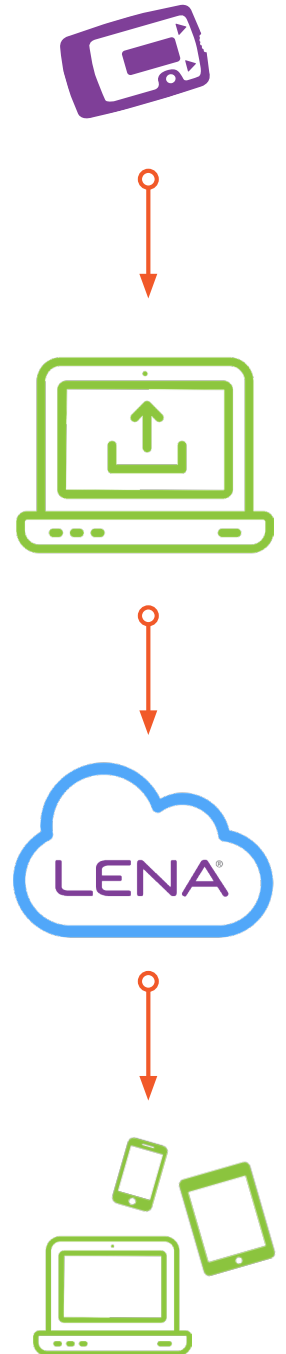
### LENA Video Playback Options

To play LENA video content for caregivers, you will need a computer that meets at least *one* of these sets of requirements.

	<i>For video streaming...</i>
<b>Internet Browser</b>	Google Chrome & fast internet connection for video streaming
	<i>For offline video playback...</i>
<b>Processor</b>	Intel Core i5 or AMD A10
<b>Memory</b>	8 GB
<b>Hard Drive</b>	SSD or hybrid disk drive
<b>Video Playback Options</b>	Microsoft PowerPoint 2013 or later

### Color Printer (required for sharing paper reports)

LENA reports printed from LENA Online are in vivid colors and need to be printed on a **color printer**.



For more information, contact:

LENA | 361 Centennial Parkway | Suite 100 | Louisville, CO 80027  
303-441-9072 | [Support@LENA.org](mailto:Support@LENA.org) | [www.LENA.org](http://www.LENA.org)