



iLit 6.x System Requirements

General:

- Cloud-Based Client / Server Solution
- Multiple classroom devices; Android, iOS, Windows, Browsers
- Multiple deployment options; Cloud and Campus Content Server

Check here: <https://s3.amazonaws.com/ilite-production-s3/docs/iLit6.xSystemRequirements.pdf>
for the latest revision of this document!

Classroom:

- 30 users or less per classroom (typical) or as allowable by school infrastructure
- 1 teacher per classroom
- 90 concurrent users per school (nominal performance) or as allowable by school infrastructure

Supported Devices and Browsers:

- Google Chromebooks
 - 1.40Ghz Processor
 - 2GB RAM /16GB Storage
 - Screen Size: 10.1”
 - User Interface: trackpad or mouse are recommended
 - Note to System Administrators (*the following considerations are advised*)
 - Avoid clearing local cache at every login
 - Roaming profiles may adversely affect login stability
 - Local storage may be limited
 - Numerous concurrent network applications may consume all available resources

* These specs are recommended and not required since app performance depends on many environmental factors such as bandwidth, density of users, clearing of cache, etc..

- Android Minimum Requirements
 - Android 4.4.x or above
 - 2GB Ram / 16GB Storage
 - 7” / 10” Devices Supported
- iPad Minimum Requirements
 - iOS 8.x or above
 - iPad 2 / iPad Mini or newer
 - 16GB Storage
- Windows Surface Tablets
 - Windows 8.1, Windows 10, 32/64bit supported
 - 2GB Ram *4GB recommended / 16GB Storage

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- o 1.46ghz Processor or greater
- Browsers:
 - o Windows: IExplorer 10 - 11 & Edge, Firefox, Chrome and newer
 - o Mac: Safari 9, Firefox , Chrome, and newer

Physical Content Server:

- Intel® Xeon® E5-2407 2.20GHz
- 2x 8GB or 1x16GB RDIMM (Total 16GB)
- 500GB 7.2K RPM SATA / SSD
- 1Gb Ethernet
- Windows Server® 2008 R2 64bit, 2012 R2, Standard or above

Virtual Content Server:

- 2.20Ghz Processor or faster
- 16 Gigs of Ram
- 500Gig HDD
- 1Gb Ethernet
- Windows Server® 2008 R2 64bit, 2012 R2, Standard or above

Network Bandwidth: Per Classroom

- 1.2Mbps per user (Peak)
- 330Kbps per user (Nominal)
- Please see the Deployment Configuration Worksheet to test network bandwidth
- <http://pearsonappstore.com/contentserver.php>

Optional Equipment:

- Projection Resolution: 1024 x 768 or greater
- Workstation Connected to Projector: any device that runs a browser

Cloud Resources:

- Amazon (AWS) - See list below for all IP's that AWS uses
- <https://www.google.com/analytics/web>

Web Services: (Whitelisting and filter configuration - allow for both HTTP & HTTPS)

- In addition to port **80** and **443**, Speechstream services may also require TCP port **8003**.
- URL's used for iLit browser web client users:

Teacher URL	teachilit.com
Student URL	learnilit.com

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Classroom Management Portal	classview.net
Text Help	speechstream.net

- Cloud based servers hosted by Amazon AWS:

Content Server (Option A - Device to Cloud) (Option B - Content Server to Cloud) Note: Content Server is designed to support only native devices and has no effect on the web clients.	d1uzbvrftfoarnx.cloudfront.net
AWS Elastic Load Balancer (For all Web Services)	bts16-production-1414053203.us-west-1.elb.amazonaws.com
iLit Production URL (For all Web Services)	production.pearsonapi.com

For those districts that requiring IP based filtering, Amazon publishes the following guide with associated an json file to be used with your content filters.

<http://docs.aws.amazon.com/general/latest/gr/aws-ip-ranges.html>