SMART.®

Specifications
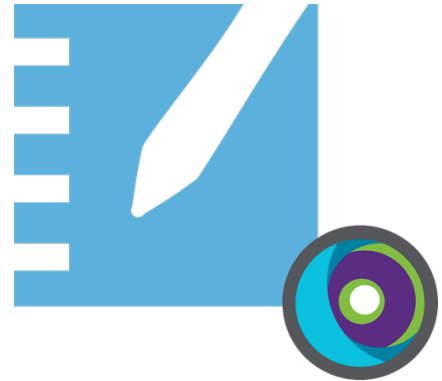# SMART Notebook 20

Overview

With SMART Notebook® collaborative learning software, you can create and deliver engaging, interactive lessons that include graphics, text, tables, lines, shapes, animations, and more. When you present your lessons, you can use digital ink to make notes on the page about your students' questions, comments, and suggestions.

You can open .notebook files in SMART Notebook software on a Windows or Mac computer. You can also export your file in a variety of formats, including HTML and PDF.

See smarttech.com for more information on this product.

Computer requirements[1]

	Windows® operating system	macOS® operating system software
General		
Supported operating systems	Windows 10 Windows 8.1	macOS Big Sur (11.0) macOS Catalina (10.15) macOS Mojave (10.14)
		❗ IMPORTANT Mac computers with Apple silicon must have Rosetta 2 installed. See support.apple.com/en-us/HT211861.
Minimum hard disk space[2]	4.7 GB	2.3 GB
Minimum specs for standard and high definition displays (up to 1080p and similar)		
Minimum processor	Intel® Core™ m3	Intel Core 2 Duo
Minimum RAM	4 GB	4 GB

[1]Operating systems and other third-party software released after this SMART software might not be supported

[2]Additional free space required during installation

	Windows® operating system	macOS® operating system software
Minimum specs for ultra high definition displays (4K)		
Minimum graphics card	Discrete GPU	n/a
	NOTE SMART strongly recommends that your video card meets or exceeds the preferred requirements. SMART Notebook can run with an integrated GPU. However, your experience and SMART Notebook's performance can vary depending on the capabilities of the GPU, your operating system, and other concurrently running applications.	
Minimum processor/system	Intel Core i3	Late 2013 Retina MacBook Pro or later (minimum)
Minimum RAM	8 GB	8 GB
Other requirements		
Programs	Microsoft® .NET Framework 4.5.1 or later for SMART Notebook software and SMART Ink Microsoft Visual Studio® Tools 2010 for Office for SMART Ink Adobe Reader® 8.0 or later DirectX® technology 10 or later for SMART Notebook software DirectX 10 compatible graphics hardware for SMART Notebook software	n/a
	NOTES • All prerequisite third-party software is built into the installation executable and is automatically installed in the correct order when you run the EXE. • These are the minimum requirements for SMART Learning Suite, however SMART recommends updating to the most recent versions of the software listed above.	
Web access	Internet Explorer® 11 or later Internet access to download and activate SMART software	Safari 8 or later Internet access to download and activate SMART software

*Any integrated GPU capable of 4K will meet our minimum requirements if the GPU has dual-channel memory configured.

Supported languages

Windows	Mac
- English (U.S.) * - English (UK) ** - Arabic ** - Czech ** - Chinese (Simplified) ** - Chinese (Traditional) ** - Czech ** - Danish ** - Dutch ** - Finnish ** - French * - German * - Greek ** - Hebrew ** - Hungarian ** - Italian ** - Japanese ** - Kazakh ** - Korean ** - Latvian ** - Lithuanian ** - Malay ** - Norwegian ** - Polish ** - Portuguese (Brazil) ** - Romanian ** - Russian ** - Slovak ** - Spanish * - Swedish ** - Turkish ** - Ukranian ** - Uzbek ** - Vietnamese ** - Welsh **	- English (U.S.) * - English (UK) ** - Chinese (Simplified) ** - Czech ** - Danish ** - Dutch ** - Finnish ** - French * - German * - Hungarian ** - Italian ** - Norwegian ** - Polish ** - Portuguese (Brazil) ** - Russian ** - Spanish * - Swedish ** - Welsh ** * Language support for the user interface, end user license agreement (EULA), and product documentation. ** Language support for the user interface and the EULA

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Whitelist recommendations

A number of SMART products use the following URLs for software updates, collecting information, and backend services. Add these URLs to your network's whitelist to make sure SMART products behave as expected.

- https://*.smarttech.com (for updating SMART Board interactive display software and firmware)

- http://*.smarttech.com (for updating SMART Board interactive display software and firmware)

- https://*.mixpanel.com

- https://*.google-analytics.com

- https://*.smarttech-prod.com

- https://*.firebaseio.com

- wss://*.firebaseio.com

- https://www.firebase.com/test.html

- https://api.raygun.io

- https://www.fabric.io/

- https://updates.airsquirrels.com

- https://ws.kappboard.com (for updating SMART Board interactive display software and firmware)

- https://*.hockeyapp.net

The following URLs are used for signing in to and using your SMART Account with SMART products. Add these URLs to your network's whitelist to make sure SMART products behave as expected.

- https://*.smarttech.com

- http://*.smarttech.com

- https://hellosmart.com

- https://content.googleapis.com

- https://*.smarttech-prod.com

- https://www.gstatic.com

- https://*.google.com

- https://login.microsoftonline.com

- https://login.live.com

- https://accounts.google.com

- https://smartcommunity.force.com/

- https://graph.microsoft.com

- https://www.googleapis.com

The following URLs are used to enable content from YouTube. If you want SMART product users to be able to insert and play YouTube videos when using SMART products, whitelist the following:

- https://*.youtube.com

- https://*.ytimg.com

Feature requirements

Activities and assessments

SMART Notebook's interactive activities and assessments use hellosmart.com. Use the recommended network capacity, student device and operating system requirements, and web browser recommendations to ensure the best possible experience with SMART Notebook's interactive activities and assessments.

Network capacity recommendations	SMART Notebook activities on hellosmart.com are designed to keep network requirements as low as possible while still supporting rich collaboration. The network recommendation for Shout It Out! alone is 0.3 Mbps per device. A school that regularly uses other Web 2.0 tools should have enough network capacity to run SMART Notebook activities on hellosmart.com. If activities on hellosmart.com are used in conjunction with other online resources, such as streaming media, greater network capacity could be required, depending on the other resources.
Student devices and operating systems requirements	- Any computer running the latest version of Windows 10 or any Mac running OS X 10.13 or later - Any iPad or iPhone upgraded to the latest iOS - Any Android™ phone or tablet with Android version 8 or later - Any Google™ Chromebook upgraded to the latest Chrome OS **ⓘ IMPORTANT** Although SMART Learning Suite Online works with mobile devices, the lesson editing and activity building interfaces work best on larger screens.
Web browser recommendations for student devices	The latest version of: - Google Chrome™ **NOTE** Google Chrome provides the best experience when using SMART Learning Suite Online on a desktop computer. - Safari - Firefox® - Windows 10 Edge **NOTE** Android™ devices must use Chrome or Firefox. Ensure JavaScript is enabled in your browser.