

Using Cambrionix USB hubs with Chromebooks In Educational Settings



Cambrionix USB hubs are compatible with Chromebooks and are designed to facilitate high-volume charging, data transfer, and management of USB-connected mobile devices (like tablets, phones, and other Chromebooks). For instance, in the ChromeOS world, Cambrionix SuperSync15 hubs can be used for tasks such as mass-deploying devices, updating firmware, and managing device fleets.

How to Use Cambrionix Hubs with Chromebooks:

- **Connection:** Connect the Cambrionix hub to the Chromebook via the upstream USB port (usually Type-C or Type-A depending on the model). The devices connected to the hub will appear as if they were directly connected to the Chromebook's USB port.
- **Data Transfer & Sync:** The hubs allow for simultaneous data transfer across all ports to the ChromeOS host.
- **Charging:** The hubs can charge devices complying with the USB-IF Battery Charging specification (BC1.2) at speeds up to 2.1A.
- **Management:** While Cambrionix Connect software, which offers advanced management and monitoring, is officially supported on Mac, Windows, and Linux, the hub's core functionality (charging and data) works independently of the OS.

Key Features for Chromebook Environments:

- **Mass Deployment:** Ideal for educational institutions and IT departments managing large numbers of Chromebooks or tablets.
- **Independent Operation:** The hubs operate independently of the host operating system, ensuring consistent performance regardless of the specific ChromeOS version.
- **Intelligent Charging:** Cambrionix hubs can monitor device battery health and adjust charging (e.g., using "Trickle Charge") to protect device longevity.

For managing the hubs, [Cambrionix Connect](#) (a browser-based app) can be used on a Chromebook to view connected devices and manage firmware updates, provided the hub is properly recognized by the system. Cambrionix Connect is a proprietary browser-based application designed to manage Cambrionix hubs. It can be accessed across mobile devices, tablets, and computers running macOS, iOS, Windows, and some Linux distributions.

Cambrionix intelligent hubs are available from their authorized USA distributor Saelig Co. Inc.

<https://www.saelig.com/category/cambrionix.htm>