

Chromebook
Platform Review & Notes
Edition 2
1 March 2014
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Knowledge Management Work Area

First Run

Concepts

Other tips

Additional Usage Notes

Chromebook Guide

Features

Interactive "Get Started" Guidebook

ChromeOS

Network availability

Affordable Computing

ChromeOS

Low-cost OS

Affordable platform

Mobile SoC design

Microprocessors

Solid state storage

ARM

Intel Celeron

Proprietary (?) But...

Evidently not priced with a "Prestige Pricing" model

May affect responsiveness of other network-based features, while updates are downloading

Update process may require system reboot, after updates are installed

Google Account

May be configured separately for Google two-factor authentication, for optimal security

Chrome OS is a multi-user OS

Configure multiple users via Chrome OS settings

Interactive guided tour

Developer question: Does ChromeOS use anything similar to Linux PAM?

May require a personal mobile phone (Two factor auth) (To do: Link a "Howto" here)

Word processing

Google Docs

Spreadsheets

Google Sheets

Presentations

Google Slides

Video chat

Skype

Recorded music

Streaming music

Music and Audio services include

Google Play Music

Spotify

Rhapsody

Pandora

Streaming music

Pandora's Internet Radio's Music Genome Project

Bookmarks

App Tips

Tip: Install a more advanced photo editor, as an app from the Google Chrome Web Store

Developers Tip: Install Secure Shell app

Academic Tip: Install the MindMeister app for Google Chrome, for developing "Mind map" outlines in note taking practice, and in academic thesis development

Offline Gmail

Movies

Docs

Calendar

Photos

Google Keep

Notes / Lists

See also: Google Chrome Web Store, "Offline Apps" category

Wallpaper selection

Theme

Profile Picture

i.e. OS user interface "Look and Feel" customizations

Photo view, review, and presentation

Mosaic photo presentation

Side show presentation

"Auto fix"

Crop

Brightness

Rotation

Undo

Video in "Get Started" guide provides advice for using the integrated photo editing app

More advanced photo editing functionality is available via apps in the Google Chrome Web Store

Examples include

Fotor

Pixlr

Google Cloud Print

Local files

Google Drive

Touchpad usage advice

Multitouch touchpad usage

"Two-finger Click," simulates "Right click" input

Click+Two-finger surface drag for scroll

Ctrl + Alt + "?" key combination

Display keyboard shortcuts

Special-purpose "Magnifying Glass" key (i.e. "Search")

Multi-function action

Google search

App list display

Alt + "Magnifying Glass" key

Toggle "caps lock"

Ctrl + "Photos" key

Screenshot

Ctrl + Shift + "Photos" key

"Partial" screenshot

Focused window (?)

Complete online reference (Available)

User online safety advice

Keyboard usage advice

Keyboard shortcuts (Key combinations)

Options (Key Binding)

Search

Ctrl

All

Caps Lock

Disable

Ctrl

Options (Key Binding)

Search

Ctrl

All

Disable

Alt

Options (Key Binding)

Search

Ctrl

All

Disable

Google Chrome Extension

Use Cases

Share desktops with other users, for instructional purposes and for tech support, using the Chrome Remote Desktop "Remote Assistance" feature

Access own desktop remotely with "My Computers," using the Chrome Remote Desktop "My Computers" feature

Hardware Tip: Attach a USB hub to the Chromebook, for supporting connection of multiple USB peripheral devices, including external mouse, external keyboard, external sound card (if supported) and USB removable storage, simultaneous!

Tip: USB peripherals may effectively reduce single-charge battery power duration, moderately, in mobile usage environments

Hardware Tip: A Chromebook with HDMI output can be attached to an external monitor, for display of the ChromeOS desktop, and for easier interaction with apps on the ChromeOS desktop

To do: Test the Soundblaster external, to see if it's supported on ChromeOS

To Do: Add this as a note towards product selection advice