NComputing Chromebook CX100/CX110

Quick Start Guide & Warranty
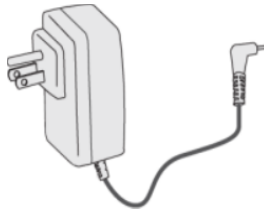
NComputing Chromebook CX100/CX110

Quick Start Guide & Warranty

Contents

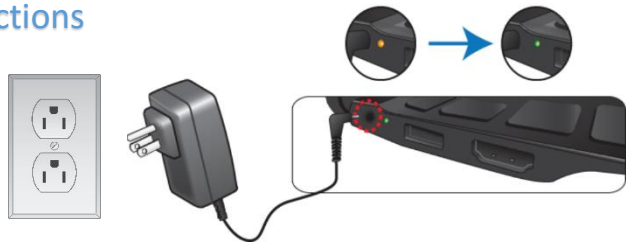Chromebook

Power adapter

This document

NComputing Chromebook CX100/CX110

Initial setup instructions

1. Before turning on your Chromebook for the first time, connect it to the included power adapter and wait for the "Charging" LED to turn from red to green to ensure its battery is fully charged.

2. Open the LCD cover, press the Power key (located above the Backspace key) and your Chromebook will boot in under 10s.

3. The first time you power on your Chromebook you will be prompted to select your language, keyboard and network.

Note: The network must have Internet connectivity; this step cannot be skipped.

4. Once connected to a network accept the Terms of Service and your Chromebook will automatically download any available system updates to ensure you have the latest features.

5. Sign in with your Google account. If you do not have a Google account, you will need to "**Create a Google Account**" or select "**Browse as Guest**".

6. You are now signed in to all of your Google services and on the web.

7. Go to www.ncomputing.com/chromebook/register to register your new NComputing Chromebook CX100/CX110 and learn about the benefits of registering your new product.

8. Your NComputing Chromebook CX100/CX110 purchase entitles you to a 1-year license to use vSpace Client for Chromebook. With the vSpace Client for Chromebook app installed on your Chromebook you will be able to use the Windows applications your IT administrator has made available to you through your organizations vSpace Server software (requires a host server running the NComputing vSpace Server software). To learn how to obtain your vSpace Client for Chromebook app and obtain your 1-year license to use go to www.ncomputing.com/chromebook/apps

9. Your NComputing Chromebook CX100/CX110 purchase entitles you to a 1-year subscription to premium education video lesson content from www.brightstorm.com. Details on how to obtain your brightstorm.com app and 1-year subscription can be found at www.ncomputing.com/chromebook/apps
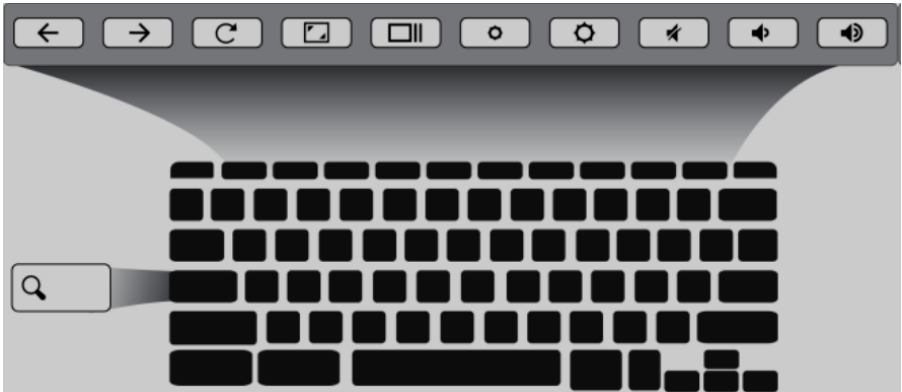
NComputing **Chromebook CX100/CX110**

Get to know your NComputing Chromebook

1	DC Power input	8	USB 2.0 connector
2	USB 2.0 connector	9	Micro SD Card slot
3	HDMI connector	10	Stereo speakers
4	Microphone	11	Shortcut keys
5	Camera	12	Power key
6	Display panel	13	Keyboard
7	Combo audio jack	14	Touch pad

NComputing Chromebook CX100/CX110

Keyboard shortcuts

← Back		☼ Increase brightness
→ Forward		🔇 Mute
⟳ Reload Page		🔉 Volume down
⛶ Full screen		🔊 Volume up
▭❘❘ Switch window		⏻ Power off/Lock screen
⚙ Decrease brightness		🔍 Search

NComputing Chromebook CX100/CX110

Get familiar with your Chromebook

Launcher – Search, open apps, and see your Google Now cards

Shelf – Your shelf is the task bar on your screen where you can see open windows, pin your main apps, and change your Chromebook settings

Status area – The status area, where your account picture appears, along with features such as clock, battery information and wireless connectivity.

NComputing· Chromebook CX100/CX110

Use the Chromebook launcher

You can search, open apps, and see your Google Now cards using your Chomebook's launcher. Here are two ways to get started:

- Click the magnifying glass to open the Launcher .
- Use the search key on your keyboard.

Do a Google search

The launcher gives you a quick way to do a search on Google without opening a new tab:

1. Sign in to your Chromebook.
2. Click the Launcher .
3. Type in what you'd like to search for and press **Enter**.
   - **Optional**: You can also search for apps, files, and contacts using the search box.

Open and organize apps

Open an app

1. Sign in to your Chromebook.
2. Click the Launcher .
3. You'll see a list of apps you've used recently. Click the app you'd like to open.
   - To see all your apps, click **All Apps**.

Organize your apps

- **Add apps**: Go to the Chrome Web Store .
- **Add webpages**: Open the webpage and click the Menu ≡ > **More tools** > **Add to shelf** > **Add**.
- **Remove apps**: Right-click (2-finger tap on TouchPad) the icon and select **Remove from Chrome**.
- **Scroll through apps**: Click the blue bars at the bottom.
- **Move apps**: Click and hold an app and move it.
- **Search for apps**: Type the name of your app into the search box.
- **Create folders**: Click and drag an app on top of another app to bundle them together in a folder. To give the folder a name, click the folder. To remove an app from a folder, click the folder, then click and drag the app out.

Add apps to your shelf

When you pin an app to your shelf, it stays there until you move or remove it.

- **Pin apps**: Click the Launcher 🔍 , right-click (2-finger tap on TouchPad) the app you want to add, and select **Pin to Shelf**.

- **Pin webpages**: Open the webpage and go to the Menu ☰ > **More tools** > **Add to shelf** > **Add**.

- **Unpin apps**: Right-click (2-finger tap on TouchPad) the icon and select **Unpin**.

- **Move apps**: Click and hold an icon and move it to adjust its position in the shelf.

Use the status area

The status area, where your account picture appears, allows you to quickly change some of your settings, like your network and volume.

You can click anywhere on the status area to see options to:

- **Sign out or lock your screen**: Click the status area, then click **Sign out** or Lock 🔒 .

- **Turn off your Chromebook**: Click the status area, then click Shut down ⏻ .

- **Change your settings**: Click the status area, then click **Settings**.

- **Get more help**: Click the status area, then click Help ? .

NComputing Chromebook CX100/CX110

Common TouchPad gestures

	Mouse curser manipulation with single finger movement over TouchPad
	Left mouse click with single finger tap
	Scroll vertical/horizontal with two finger swipe up/down and left/right
	Scroll between open tabs with three finger swipe
	Right mouse click with two finger tap

NComputing Chromebook CX100/CX110

Useful keyboard shortcuts

Open a new window	Ctrl + N
Open a new tab	Ctrl + T
Sign out of your Google Account on Chrome OS	Ctrl + Shift + Q (twice)
Close the current tab	Ctrl + W
Close the current window	Ctrl + Shift + W
Open the link in a new tab in the background	Press Ctrl and click a link
Open the link in a new tab and switch to the new tab	Press Ctrl + Shift and click a link
Open the link in a new window	Press Shift and click a link
Lock your screen	Search + L
Show or hide the bookmarks bar. If the bar is hidden, you can see your bookmarks in the Chrome menu.	Ctrl + Shift + B
Open the find bar to search your current page	Ctrl + F
Take a screenshot of your current page	Ctrl +
Go to the next tab in the window	Ctrl + Tab
Go to the previous tab in the window	Ctrl + Shift + Tab
Go to the previous window you had open	Alt + Tab
Go to the next window you have open	Alt + Shift + Tab
Toggle Caps Lock	Alt + Search
Start Chromebook Help	Ctrl + ?
Zoom in	Ctrl and -
Zoom out	Ctrl and +
Reset zoom level	Ctrl + 0
Display a map of all keyboard shortcuts on your screen	Ctrl + Alt + ?

NComputing Chromebook CX100/CX110

Product Specifications

Model	NComputing Chromebook CX100/CX110
Operating System	ChromeOS
Processor	Quad-core ARM® processor
Memory	2GB DDR3L 1600MHz SDRAM (CX100)
	4GB DDR3L 1600MHz SDRAM (CX110)
Storage	16GB eMMC v5.0
Wi-Fi	IEEE 802.11 2x2 MIMO a/b/g/n/ac
Bluetooth®	V4.0
Display	11.6" IPS LCD, 1366 x 768 resolution
Webcam	1.3 Mega pixel, 720p HDTV
Battery	**Type:** Lithium polymer
	Capacity: 25.16 Wh capacity
	Charge time: <2hrs
	Battery life: ~ 8.5hrs
	Standby time: >170hrs
Audio	1 x 3.5mm audio combo jack for headphone/microphone
Video	1 x HDMI® (Type-A) port
USB	2 x USB 2.0 ports
Card Reader	Micro SD card reader
Speakers	2 x built-in (stereo) speakers
Microphone	1 x internal microphone
Power	12v DC IN power connector from external AC power adapter
AC Adapter	**DC Output:** 12V, 2A
	Input voltage: 100 – 240 VAC
	Input Frequency: 50 – 60Hz
Dimensions	11.4" x 8" x 0.76"
Weight	2.53 lb

NComputing Chromebook CX100/CX110

IMPORTANT NOTE: FCC Radiation Exposure Statement

■ Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ▪ Reorient or relocate the receiving antenna.
- ▪ Increase the separation between the equipment and receiver.
- ▪ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ▪ Consult an authorized dealer or service representative for help.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. Proper cables and connectors are available from NComputing authorized dealers. NComputing is not responsible for any radio or television interference caused by using other than recommended cables or connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FC

■ Industry Canada Class B Emission Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.

■ Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

NComputing® Chromebook CX100/CX110

United States and Canada

Scope of Warranty

This NComputing limited warranty applies only to the NComputing Hardware purchased by an end-user in the United States or Canada from ZeroDesktop, Inc. (d.b.a. NComputing), its subsidiaries, affiliates, authorized resellers, or distributors for the end user's use, and not for resale. The term "NComputing Hardware" is limited to hardware components and includes only those parts or accessories sold with the NComputing-branded product including power adapters, power cords and other NComputing-branded accessories. The term "NComputing Hardware" DOES NOT include the NComputing virtualization software or any other software programs that may be packaged with the hardware. Terms and conditions for the use of the NComputing Software and for any updates, upgrades and support of the Software are set forth in the end user license agreement (EULA) and terms of use included with the Software.

Fulfillment of the terms of this Limited Hardware Warranty may be executed by NComputing, one of its subsidiaries, affiliates, authorized resellers, dealers or distributors. Authorized resellers, dealers or distributors (hereinafter collectively referred to as "Authorized Resellers") may offer additional warranties to you for which they are solely responsible – refer to the documentation supplied by your Authorized Reseller.

NComputing Limited Hardware Warranty

NComputing warrants this product to be free from defects in material and workmanship for a period of one (1) year after the date of purchase as shown on your sales or delivery receipt. Your dated sales or delivery receipt, showing the date of purchase, is your proof of purchase. During the warranty period NComputing or one of its subsidiaries, affiliates, or Authorized Resellers will, at its option, either replace a defective product with a new or rebuilt product or repair it with new or rebuilt parts at no charge except as stated below. Replacement product or parts are warranted to be free of defects in material or workmanship for 30 days or for the remainder of the original product warranty, whichever is longer. The product or parts that are replaced become the property of NComputing or the Authorized Reseller, whichever services the warranty.

This limited warranty is provided to the original owner only and is not transferable to any third party. This limited warranty does not cover any of the products that you or any third party has modified or altered; you bear the sole responsibility and liability for any such modifications or alteration.

NCOMPUTING HEREBY DISCLAIMS ALL OTHER EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME STATES AND COUNTRIES MAY NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN THAT EVENT, SUCH WARRANTIES ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. NO WARRANTIES APPLY AFTER THAT PERIOD. SOME STATES OR JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

NComputing Chromebook CX100/CX110

NCOMPUTING DOES NOT ACCEPT LIABILITY BEYOND THE REMEDIES PROVIDED FOR IN THIS LIMITED WARRANTY OR FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION:
1) ANY LIABILITY FOR THIRD-PARTY CLAIMS AGAINST YOU FOR DAMAGES;
2) FOR PRODUCTS NOT BEING AVAILABLE FOR USE, OR FOR LOST DATA OR LOST SOFTWARE; 3) SPECIAL, INCIDENTAL, OR INDIRECT DAMAGES OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES; OR 4) LOST PROFITS, BUSINESS REVENUE, GOODWILL OR ANTICIPATED SAVINGS.

NCOMPUTING'S LIABILITY WILL BE NO MORE THAN THE AMOUNT YOU PAID FOR THE PRODUCT THAT IS THE SUBJECT OF A CLAIM. THIS IS THE MAXIMUM AMOUNT FOR WHICH NCOMPUTING IS RESPONSIBLE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE OR COUNTRY TO COUNTRY.

Governing Law

The laws of the state of California shall govern these terms.

Customer Responsibilities

Upon receiving your NComputing products you should register per the registration instructions provided with the Product's documentation. This will ensure that you receive full warranty support. As the original purchaser you have thirty (30) days in which to review the contents of the Product's packaging for any missing or broken items. After the first thirty (30) days of ownership, beginning from the date of original purchase, a charge will be incurred for replacement of any item you, the original purchaser, may wish to order from NComputing. Such charges will include handling and shipping costs incurred for delivery of any such items.

Exclusions
This Limited Hardware Warranty is voided by the removal or alteration of identification labels on the product or its parts.
Any technical or other support provided for a product under warranty, such as assistance with "how-to" questions and those regarding product set-up and installation, is provided WITHOUT WARRANTIES OF ANY KIND.

This limited warranty does not cover problems that result from:
- Accidents, misuse, abuse, neglect, contamination, or other external causes;
- Usage that is not in accordance with product instructions;
- End-user supplied interfacing, cabling, or connections to unsupported peripherals;
- Operation outside the published operating specifications for the product, including improper environment, excessive or inadequate heating or air conditioning or problems with electrical power;
- Servicing, repair, modification or installation of options or parts by anyone other than *NComputing*;
- The use of accessories, parts, or components not supplied by *NComputing*;
- Improper site preparation or maintenance;
- Removal of the *NComputing* Hardware;

NComputing® Chromebook CX100/CX110

- Installation of upgrades or new software;
- Electronic virus infection;
- Disasters including fire, water, or other acts of nature;
- Electrical conditions such as those caused by lightning strikes, power fluctuations, electrical surges or outages, or any other such condition that may affect the electricity source;
- Any other cause which does not relate to a product defect.

Furthermore, this limited warranty does not cover:

- Software, including software that was pre-installed, provided by *NComputing* or purchased separately for use on *NComputing* products;
- Loss or damage in transit;
- Failure caused by a product for which *NComputing* is not responsible;
- Products for which *NComputing* has not received full payment;
- Damage to or loss of any programs, data or removable storage media;
- Software or data loss occurring during repair or replacement;
- Normal wear and tear.

Non-NComputing Hardware

All non-NComputing hardware products or peripherals external to the NComputing access device - such as USB devices, displays, adapter cables and other peripherals - are covered by the applicable vendor warranty for those products. Non-NComputing hardware products are not warranted by NComputing. However non-NComputing manufacturers or suppliers may provide their own warranties directly to you.

To Obtain Service from an Authorized Reseller

Before the warranty expires, you may contact your Authorized Reseller to process a request for hardware warranty service. To obtain warranty service, you will be required to provide:

A. The original dated sales receipt
B. Your name, physical address and e-mail address
C. The serial number of the product
D. A description of the problem

If your product requires service or replacement, your reseller will provide instructions on how to process a Return Material Authorization.

To Obtain Service Direct from NComputing

In case your Authorized Reseller is unable to process a request for warranty service, you may submit a technical support request online by visiting the support section of the NComputing web site at: www.ncomputing.com. To request hardware warranty service direct from NComputing you must register your products per the registration instructions provided with the product documentation and you will be required to provide:

A. The original dated sales receipt
B. Your name, physical address and e-mail address
C. The name, physical address, website address and e-mail address of your reseller, dealer or distributor
D. The serial number of the product
E. A description of the problem

NComputing® Chromebook CX100/CX110

If your product requires service or replacement, a Return Material Authorization (RMA) number will be issued to you to include with your return. You must return the product, along with the dated proof of purchase to NComputing in its original or equivalent packaging, prepay shipping charges, and insure the shipment or accept the risk if the product is lost or damaged in shipment.

NComputing will return the repaired or replacement products to you. NComputing will pay to ship the repaired or replaced products to you if you use an address in the United States (excluding Puerto Rico and U.S. possessions and territories). Otherwise, NComputing will ship the product to you freight collect. If an exact replacement product is not available, a newer product with similar form, fit and function that meets or exceeds the original product's specifications may be used to service the warranty.

NComputing uses new and refurbished parts made by various manufacturers in performing warranty repairs and in building replacement parts and systems. Refurbished parts and systems are parts or systems that have been returned to NComputing, some of which were never used by a customer. All parts and systems are inspected and tested for quality. If NComputing determines that the problem is not covered under this warranty, NComputing will notify you and inform you of service alternatives that may be available to you on a fee basis.

Revisions

NComputing reserves the right to change the terms of its warranty at any time without notice. Changes apply only to new product(s) purchased after such changes in the warranty take effect and are made available to customers either online or in print.