

COMPUTERS 4 LITERACY

C4L Ubuntu 12.04 Abbreviated Application List

This is an abbreviated application list for 2012 “Computers 4 Literacy” laptop computers that were created using the Ubuntu 12.04 installation instructions (<http://goo.gl/A8A7a>). The list includes pre-school, primary, secondary, and tertiary grade-level educational application bundles with added selection of the most useful and user-friendly digital media applications. To run them, refer to the user manual (<http://goo.gl/1zjz1>).

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Education

Celestia – detailed space simulation to explore the universe
GoldenDict – English and offline or online dictionary that can search Wikipedia information
K3DSurf – application for mathematical surfaces
Kalzium – periodic table of elements
KAlgebra – math expression solver and plotter
KBrunch – exercises with fractions
KGeography – geography learning application
Kig – geometric constructions application
KmPlot – function plotter
KStars – desktop planetarium
KTouch – touch typing tutor
KTurtle – educational programming environment
KWordQuiz – flashcard and vocabulary quiz
Laby – programming with ants and spider webs
Lybniz Graph Plotter – plots graphs and functions
Marble – desktop globe
Parley – vocabulary trainer
Periodic Table – periodic table of elements
Stellarium – planetarium application
Step – simulates physics experiments
TurtleArt – logo programming environment
Tux Math – math learning application
Tux Paint – drawing for children
Tux Typing – educational typing tutor

Games

AisleRiot Solitaire – various types of solitaire games
Blinken – memory enhancement game

[Dreamchess](#) – 3D chess game
[Childsplay](#) – suite of educational games for young children
[Educational Suite GCompris](#) – educational games for ages 2 to 10
[FreeCell Solitaire](#) – popular FreeCell card game
[Gbrainy](#) – set of games that challenge the logic, verbal, calculation, and memory abilities
[Hedgewars](#) – fighting hedgehogs as a multiplayer or a single player
[Kanagram](#) – letter order game where a random word is shown with its letters scrambled
[KHangman](#) – hangman word guessing game
[Mahjongg](#) – disassembles a pile of tiles by removing matching pairs
[Mines](#) – clears hidden mines from a minefield
[NeverBall](#) – 3D arcade game with a ball
[NeverPutt](#) – 3D mini golf game
[Pingus](#) – guides a horde of penguins through various obstacles
[Potato Guy](#) – picture game for children
[PyChess](#) – fully featured and easy to use chess client
[Ri-li](#) – toy simulator game
[Sudoku](#) – tests the logic skills in a numbered grid puzzle
[SuperTux 2](#) – 2D arcade game with a penguin
[SuperTuxKart](#) – kart racing game with animals

Audio & Video

[Arista Transcoder](#) – converts multimedia for various devices
[Audacity](#) – records and edits audio files
[Brasero Disc Burner](#) – creates and copies CDs and DVDs
[Cheese Webcam Booth *](#) – takes photos and videos with the webcam, can add fun graphical effects
[GStreamer Plugins](#) – extra codes to play all audio and video formats
[KdenLive](#) – nonlinear video editor
[Movie Player](#) – audio and video player
[OpenShot Video Editor](#) – creates and edits videos
[RhythmBox Music Player](#) – plays and organizes the music collection
[SMPlayer](#) – plays movies and remembers their progress. allows for interrupted and resumed playing
[Sound Recorder](#) – records sound clips
[VLC media player](#) – audio and video player that reads, captures, and broadcasts multimedia streams

Graphics

[Blender](#) – 3D modeling, animation, rendering and post-production
[Darktable Photo Workflow](#) – organizes and develops images from digital cameras
[Dia](#) – edits diagrams
[GIMP Image Editor](#) – creates images and edits photographs
[Image Scan!](#) – fully customizable and comprehensive scanning application
[Image Viewer](#) – browses and rotates images
[InkSpace Vector Graphics Editor](#) – creates and edits scalable vector graphics images
[KSnapshot](#) – screen capture application
[LibreCAD](#) – professional CAD system
[LibreOffice Draw](#) – creates and edits drawings, flow charts, logos, and PDF files

Pencil – draws cartoons

SAGA GIS – views and manipulates geographical information systems, GIS

Scribus – page layout and publication application

Simple Scan – the simplest way to scans one or multiple documents to a single file

Internet

Calibre – e-book library management

Google Chrome – minimalistic yet powerful browser with possibility of offline Google Docs editing

Google Earth – flies anywhere on Earth to view satellite imagery, maps, terrain, 3D buildings, galaxies

Miro – fully featured audio and video player and podcast client

Skype * – internet audio and video calling (* available only on C4L laptops with built-in webcams)

Office

Adobe Reader – allows to view, navigate, and print PDF files

Calculator – arithmetic, scientific, or financial calculations

GnuCash Finance Management – manages personal finances, accounts, and investments

LibreOffice Calc – performs calculations, analyzes information, and manages lists in spreadsheets

LibreOffice Impress – creates and edits presentations for slideshows, meetings, and Web pages

LibreOffice Math – creates and edits scientific formulas and equations

LibreOffice Writer – creates and edits text and graphics in letters, reports, documents and Web pages

PDF-Shuffler – PDF merging, rearranging, splitting, rotating, and cropping

Text Editor – edits text files

TeXworks – simple environment for editing, typesetting, and previewing TeX documents

Other

7zip – compression, uncompression application

Font Viewer – previews fonts

Help – help with Unity, Ubuntu's default interface

Language Support – configures multiple native language supports on the system

Onboard – flexible onscreen keyboard

Orca Screen Reader – access to graphical desktop environments via synthesized speech or braille

Power Statistics – observes power management

Wakeup – talking and fully customizable alarm clock that will operate from poweroff

WineTricks – installs and runs Microsoft Windows executable .exe files

Pre-installed Executable Microsoft Windows Applications

Armadillo Run – construction game based on physics and logic

GapMinder – set of worldwide statistical data

Google Sketchup 8 – 3D communication software for design and engineering professionals

Graphical Analysis 3 – produces, analyzes, and prints graphs, ideal for science students

GraphMatica – equation plotter featuring symbolic differentiation and tangent lines

Manager – comprehensive accounting application for companies and organizations