OLPC Infinity Laptop

**Performance**
OS: Ubuntu 18.04, Sugar 0.113, with sample activities  
Processor: Intel® Celeron N4000, Dual Core or N4100, Quad Core  
Memory: 4 GB  
Storage: 64 GB eMMC or 128 GB SSD  
Audio: Stereo Digital Microphone, Speakers  
Graphics: Intel® UHD Graphics 600  
Battery: 37 WH, Up to 8 hrs., Standard charging

**Design**
Display: 11.6” HD (1366 x 768) with Active Touch  
Camera: 2 MP swivel camera  
Dimensions: 298 x 207 x 19.9 mm  
Weight: 1.5KG  
Keyboard: Full-sized, water resistant, with precision touch  
Durability: Drop tested MIL-STD-810G (76 cm), water resistant

**Connectivity**
1 x USB-C (with fast charging)  
1 x USB 3.0 type-A socket  
1 x Ethernet with PXE support (with optional USB adapter)  
WiFi 802.11 AC (2 x 2)  
Bluetooth 4.2  
microSD Card Reader  
Combo mic / audio jack

**Additional Options (not included)**
Active Pen (battery operated)  
14-Bay Alogic Charging Station  
32-Bay Alogic Charging Cart
**Tablet**

Go back to the future by ditching the pen and paper, for active pen. Converting into a tablet in a matter of seconds, the Infinity becomes the perfect note taking tool.

**Easel**

Easily fold the Infinity into an easel, turning the device into a canvas for painting or drawing.

**Briefcase**

The Infinity is not only designed to withstand drops and spills, but also comes with a sturdy retractable handle to make for easy carrying to and from class.
Key Features Software

What makes Sugar different?
- Sugar facilitates sharing and collaboration: Children can write, share books, or make music together with a single mouse-click.
- Sugar has Activities for learning, not applications for passive consumption.
- Sugar automatically makes a record of Activity work, so you do not have to worry about files or folders. Sugar’s Journal makes it almost impossible to lose any data.
- The Journal records everything the child does. It is a place where the child can reflect upon and evaluate his/her work.
- Sugar is free software. It is written in the modern Python language and is easily customized.
- Sugar is documented by its users. It is easy to use and teachers worldwide have created a wealth of pedagogical materials for it.

What are the Sugar advantages?
- Sugar has a superior pedagogical framework.
- Sugar facilitates unique collaboration and journaling, with evaluation features.
- There is a large and successful installed base of Sugar users with hundreds of activities available. This community contains students, teachers and developers.
- Sugar has 24/7 community support. In addition, training and workshop materials are available.
- Sugar is easily localizable and customizable.
- Sugar is free open source software so there are no licensing fees.
- Sugar has contextual Help included.
- Sugar has the ability to collect and record use statistics.
- Sugar can be used to connect to various social networks.

What are the benefits of using Sugar?
- Sugar contains hundreds of tools for discovery through exploring, expressing, sharing, browsing, writing, etc.
- Sugar has a built-in collaboration system that facilitates peer-to-peer learning.
- The Journal is a built-in portfolio assessment tool that serves as a forum for discussion between children, parents, and teachers.
- Sugar is a discoverable learning platform. It uses simple means to reach complex ends.
- Sugar was designed for local customization. It has built-in tools for making changes and improvements and it has a growing global community of support. Sugar is currently available in 25 languages.
- Sugar places an emphasis on learning through doing. For example, students are encouraged to learn to debug the software. This leads to more engaged learners who are able to tackle more complex problems.
- Sugar is available in a wide variety of forms, including as part of GNU/Linux distributions, LiveCD, LiveUSB; and in a virtual machine.