

Userful Multiplier™ Datasheet (Version 3.8 Evaluation)

Give each student their own computer station with the features and computing experience of a full PC for a fraction of the cost!

A child's education has a big impact on the opportunities available to them in life. In today's digitally connected world, knowing how to use computers is required for almost all jobs. Unfortunately, due to the traditionally high cost of computer hardware, software, and electricity, many schools have been unable to provide their students with the computers they need, or are only able to provide a limited number of computers. That's why more than 30,000 schools in over 100 countries are using Useful Multiplier to multiply computer access within their existing budgets.



Turn 1 school computer into 10

Userful Multiplier makes it possible for schools to quickly deploy large numbers of computers for a very low cost, whether in the classroom, computer lab, or school library. Useful Multiplier is a Linux-based software solution that enables a single PC to support up to 10 independent students at the same time, each with their own monitor, keyboard, mouse, and applications. It is easy to set up, use and maintain, and provides teachers with the tools they need to give their students a high quality computer-based education.

A quality computer education for a lower total cost of ownership (TCO)

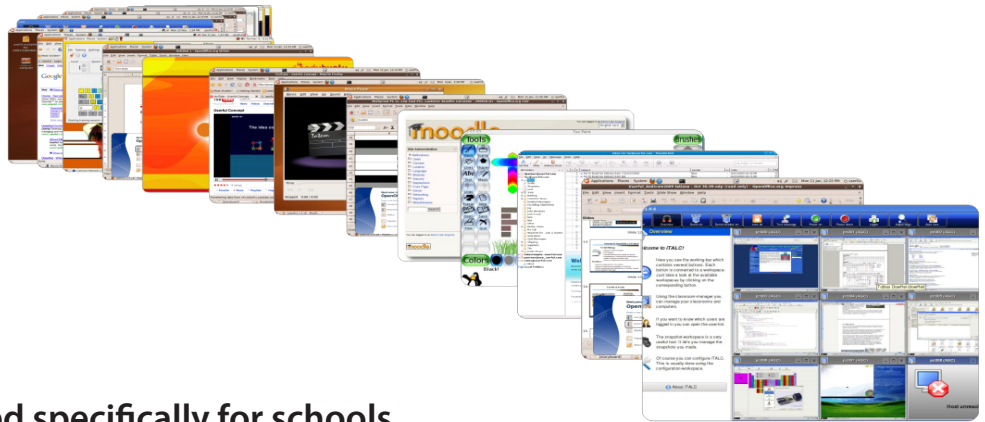
Most schools can't afford as many computers as they'd like due to limited IT budgets. Some schools have computers, but lack sufficient IT budget to support, maintain, and secure the computers. Useful Multiplier not only reduces up-front purchasing costs, but also greatly reduces the support and maintenance burden, electricity use, e-waste produced, and end-of-life replacement cost as compared to using a traditional PC-per-user solution. With Useful Multiplier, schools can even multiply their existing PCs. This increases purchasing power, and makes sure that the money schools have already invested in computers doesn't go to waste.



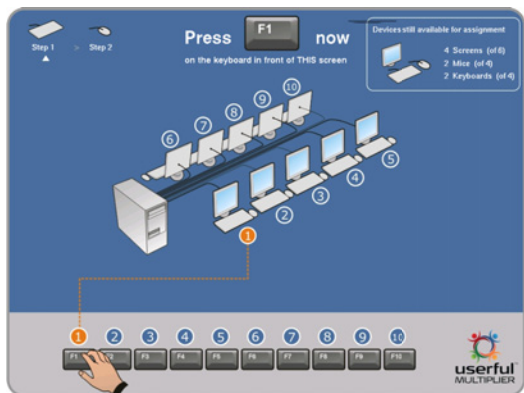
Hundreds of free applications

Since Useful Multiplier is Linux based, the operating system and application software is all free! Hundreds of free, open source, end-user and education-specific applications are available including: EdUbuntu OS designed for schools, Atutor teacher assignment tracking software, and iTALC classroom management tool. Other open source applications such as the OpenOffice.org office suite and the GIMP graphics suite provide free alternatives to proprietary software such as Microsoft Office® and Adobe Photoshop®. Open source software can, for example, make it affordable for schools to equip every station with a graphics suite rather than just one or two.

Deploying Linux-based computer infrastructure frees schools from depending on Microsoft, and allows educators to engage local companies to source and customize a Linux distribution and open source software stack uniquely suited to the needs and language of their region. Linux is also more secure than Windows, and virtually immune to viruses.



Easy-to-use technology designed specifically for schools



Userful Multiplier's feature set is based on the feedback of thousands of teachers and students around the world, and over a decade of product refinement. It is easy to get started with Useful Multiplier. With plug-and-play set up, and an automated configuration wizard designed specifically for non-technical professionals, teachers and students can start using the computers quickly and easily.

When Useful Multiplier is combined with Useful Desktop management software, or the free and open source, iTALC classroom management software, teachers can centrally manage and monitor the computer stations with ease. With Useful teachers can:

- Add a new application to all computer stations by installing it only once on the host PC
 - Create or delete student accounts, and change passwords
 - See what stations are in use
 - See which student is using each station
 - See what each student is doing on their station
 - Control what websites students have access to
 - Send students messages
 - Remotely take control of a student's station
 - Share files with and between students
 - Verify hardware is properly connected
- And much more!



Userful Multiplier Specifications (Version 3.8 Evaluation)

Display Resolution (Each monitor is configured to its own native resolution automatically when connected to a USB multiseat device.)	Normal Display Resolution	Wide Display Resolution
	640 X 480	1280 X 720
	800 X 600	1360 X 768
	1024 X 768	1440 X 900
	1280 X 1024	1600 X 900
	1600 X 1200	1680 X 1050
Multimedia support	3D graphics; full-screen, full-motion video*	
Audio	Input / output	
Maximum number of users per PC	Depends on the speed and performance of the PC, see below.	
Supported Linux operating systems (Both 64bit, and 32bit versions supported.)	SLED 11, Ubuntu 9.10, Debian 5.0, Ubuntu 10.04**	
Language Support	English French Italian	Portuguese (Brazilian) Spanish
Hot-plugging	USB-connected station hotplugging partially supported	
USB Multiseat Device Support	Supported all-in-one devices: <ul style="list-style-type: none"> • HP™ T100 • Wyse™ E01 • NComputing™ U170 • MCT™ MWS 8820 	Supported USB video chipsets: DisplayLink®: DL-120, DL-160, DL-165, DL-190, DL-195 MCT™: Trigger UV-105CB-128, UV-185CB-128, UV-185CC-176
Supported Video Cards (Compatible with all single and dual-headed video cards supported by X.Org/XFree86. nVidia and Matrox proprietary drivers required for nVidia and Matrox video cards, respectively) For a full list of compatible video cards, visit: http://support.userful.com/wiki/index.php/Supported_Video_Cards	ATI™ <ul style="list-style-type: none"> • Radeon™ 7000 • Radeon™ 7500 • Radeon™ 9000 	NVIDIA™ <ul style="list-style-type: none"> • e-GeForce 6200TC • e-GeForce N6201 • e-GeForce 7200GS • GeForce 7600GS • e-GeForce 8400GS • EN 8400GS • N8400GS • Quadro NVS 285

Recommended PC Specifications

Recommended Configuration For:	2-4 users	5-7 users	8-10 users
Fixed function, non-intensive usage (e.g., office docs, web browsing)	32-bit, 1GB RAM, Dual Core	32-bit, 2GB RAM, Quad Core	64-bit, 4GB RAM, Quad Core
Rich multi-media usage (e.g., multiple apps and browser tabs open per user, use of video and flash animated games)	32-bit, 2GB RAM, Dual Core	64-bit, 4GB RAM, Quad Core	64-bit, 8GB RAM, Quad Core+ Use of video cards recommended

NOTE: For optimal performance, avoid simultaneously running more 3D applications than the number of CPU cores in the host machine (i.e. a quad core CPU is best suited to run 4 simultaneous 3D applications at most).

**32bit not supported

To learn more about Userful Multiplier please contact:

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