

ZONBU: A Lean, Green Machine

On the surface Zonbu looks like a well-crafted, miniaturized PC with a rich set of pre-configured applications. But under the hood Zonbu leverages the latest advances in open source software, self-healing architectures, and web services to create a radically more affordable, hassle-free, and environmentally responsible computing experience.

Zonbu delivers a compelling user experience on an exceptionally low power computer by leveraging energy efficient next generation hardware and open source software to create an optimized environment, from a state-of-the-art operating system to 20 included open source applications.

Advanced user interface features such as translucent windows --only made recently available on Windows Vista—typically require an expensive, power guzzling PC that consumes anywhere from 150 to 300 watts. Zonbu delivers the same feature on a computer that only consumes 15 watts. This translates into savings in the order of \$5.00 per month on a consumer's electricity bill, but it more importantly translates into a one ton reduction of yearly carbon dioxide emissions.

This in turn allows Zonbu to eliminate the noise and mechanical unreliability associated with traditional PC fans, hard drives, and power supplies. Zonbu is the only flash-based, totally silent, computer with no moving parts on the market today. Its 2 ¼ by 4 ¾ inch footprint also makes it one of the smallest desktop computers on the market.

Zonbu uses substantially less energy, chemicals and raw materials than traditional PCs throughout their manufacturing process. Zonbu also recycles used Zonbu boxes at no extra cost to consumers. This is an important factor to consider for consumers concerned about the growth of e-waste --it is growing at three times the rate of other municipal waste-- and e-waste toxic chemicals, which have started to leach into the water supply and other parts of the ecosystem.

Zonbu's commitment to responsible computing extends to delivering the world's first zero-emission computer. To this end, Zonbu is applying a portion of its revenues toward the purchase of carbon dioxide offsets from Climate Trust (www.climatetrust.org), a leading non-profit organization dedicated to providing solutions to stabilize our rapidly changing climate.

Twenty applications included (with no installation or configuration necessary)

With its non-proprietary approach to software development, open source software is quickly becoming a mainstream option for businesses around the world. Open source software is not only more affordable but it is also more stable than proprietary software because thousands read, contribute to, and correct the source code, rather than just a few employees at a given corporation.

Zonbu has created a compelling, consumer oriented offering by melding best-of-breed open source components into a cohesive whole. Open source enables Zonbu to deliver the first 100 percent pre-installed and pre-configured environment with 20 world class applications. With no installation and no configuration, consumers can be productive within minutes of plugging-in their Zonbus.

No need to worry about data loss, corruption, viruses or spyware

Zonbu's operating system and applications are located on a protected, read-only flash drive while all changes made by the user are recorded on a separate flash partition. The Zonbu operating system merges the two in real time to create a self-healing environment which is virtually invulnerable to

corruption, viruses, and spyware. This unique architecture allows the environment to be rolled back to its original state with just one click of the mouse, a critical capability that is near impossible to implement on a traditional PC.

Zonbu leverages the latest advances in Web services by offering each subscriber a permanent web presence where the consumer's data (including documents, settings, and preferences) is continuously backed up. This encrypted web presence provides consumers with unprecedented peace of mind without the cost and hassle of purchasing, installing, and configuring a backup system. Storage capacity is virtually unlimited and can be expanded on-demand without any change to the Zonbu box.

Local and web based information are automatically kept in sync to provide consumers with the best of both worlds: the immediacy and responsiveness of local data as well as the safety and anywhere/anytime accessibility of web based data. Documents can be accessed with equal ease, from a Zonbu or from anywhere on the Internet, without additional setup by the user.

These architectural innovations make each Zonbu exceptionally resilient. For example, even if the operating system, applications, and user data are lost, Zonbu is able to automatically reinstall itself and restore all user settings, preferences, and documents from the copy in the user's web presence. This process would take a few days of IT work on a traditional PC, assuming that the original install disks could all be located and that a sophisticated real time backup system was in place.