Penguin Magna 2001

Penguin Magna 2001 is our first system based on OpenPOWER technology, providing an alternative to established platform architectures. Like all Penguin Computing systems, Magna 2001 runs Linux operating system and Linux application stacks.

Penguin Magna 2001 is targeted for customers who are developing applications and evaluating performance on OpenPOWER architecture. Magna 2001 is also a capable virtualization host with support for up to 2TB of RAM and 96 virtual CPU cores. Popular open source cloud management frameworks like OpenStack are also compatible with OpenPOWER based systems.

Penguin Magna 2001, like all Penguin server platforms, is available with full rack level integration options, on-site deployment services and global technical support.

- Single OpenPOWER POWER8 generation processor, 8-12 cores, 2.0-3.3GHz

- Up to 2TB of RAM

- Local storage: 14 drive bays for 3.5" nearline drives

- Four PCI-E gen3 expansion slots

- Redundant Power Supplies

For information, please contact:
sales@penguincomputing.com

Penguin Computing specializes in delivering turn-key High Performance Computing clusters and Data Center systems that include software solutions for cluster and workload management, high performance interconnects, storage systems and a power delivery infrastructure. All components are integrated in rack enclosures, configured for optimal performance by Penguin's HPC experts and ready to use.

Penguin systems are tested for compatibility with all major commercial and freely available Linux distributions and are available with Red Hat Enterprise Linux, SuSE Linux Enterprise Server or CentOS pre-installed.