

NIVEUS 5200



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Expert workstation featuring the latest CPU and I/O technology

The Niveus 5200 is a two-way workstation that features the latest line of Intel's Xeon E5-2600 processors and the Intel C602 chipset. The system is designed to provide the highest levels of performance for power users running demanding applications: Support for E5-2600 processors with a TDP of up to 150W per processor, enough space and a sufficient number of fully wired x16 PCI-E slots to host up to four double-wide GPU cards and support for up to 0.5TB of memory make this system the ultimate performance machine. The Niveus 5200 delivers the performance of a small HPC cluster in a single box under your desk.

This workstation is ideal for handling the most demanding workloads such as technical and scientific simulations, visualization and CAD applications or digital content creation.

Highlights

- ▶ 4U Pedestal/Workstation
- ▶ Dual Intel Xeon E5-2600 Series "SandyBridge" Processors with up to 8 cores per processor
- ▶ DDR3-1600 RAM up to 512GB
- ▶ Up to 2x 1200W Redundant Power Supply 80 Plus Platinum Efficiency
- ▶ Dual port Gigabit Ethernet
- ▶ 4x Fixed 3.5" SAS/SATA HDD

CPU and Memory

- ▶ Dual Intel Xeon E5-2600 Series "SandyBridge" Processors with up to 8 cores per processor
- ▶ Intel C602 Chipset
- ▶ 16 DIMM sockets for up to 512GB 1600MHz DDR3 RAM with ECC

Integrated I/O and External Ports

- ▶ 4x Fixed 3.5" SAS/SATA HDD
- ▶ 3x 5.25" peripheral drive bays
- ▶ Dual Port Gigabit Ethernet
- ▶ RS232 serial port with DB9 connector
- ▶ 2x USB 3.0 rear
- ▶ 4x USB 2.0 (2x rear, 2x front panel)

Expansion Slots

- ▶ 4x PCI-e x16 Gen3
- ▶ 1x PCI-e x4 Gen3

Power Supply Unit

- ▶ Up to 2x 1200W Redundant Power Supply 80 Plus Platinum Efficiency

Dimension

- ▶ 25" x 6.8" x 17.2" (LxWxH)

Contact

For more information, please contact sales@penguincomputing.com

Penguin servers have been 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.

Penguin Computing specializes in delivering turn-key High Performance Computing clusters 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

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