

HP Intel Xeon E5-2620 processor 2 GHz 15 MB L3



Model: 662250-B21

Manufacturer: HP

Product Code: 23049

R8,586 ~~R9,612~~

Maximize Performance. Minimize Power. Automatically.

As data centers reach the upper limits of their power and cooling capacity, efficiency has become the focus of extending the life of existing data centers and designing new ones. As part of these efforts, IT needs to refresh existing infrastructure with standard enterprise servers that deliver more performance and scalability, more efficiently. The Intel® Xeon® processor E5000 series automatically regulates power consumption and intelligently adjusts server performance according to your application needs, maximizing both energy efficiency and performance. The secret to this compelling combination is Intel's new 32nm Nehalem microarchitecture. Featuring Intel® Intelligent Power Technology that automatically shifts the CPU and memory into the lowest available power state, while delivering the performance you need, the Intel Xeon processor 5600 series with Intel Microarchitecture Nehalem delivers the same performance as previous-generation servers but uses up to 30 percent less power. And you can achieve up to a 95 percent reduction in energy costs when consolidating your single-core infrastructure with a new infrastructure built on Intel Xeon processor E5000.

This groundbreaking intelligent server technology features:

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- Intel's new 32nm Microarchitecture Nehalem built with second-generation high-k and metal gate transistor technology.
- Intelligent Performance that automatically optimizes performance to fit business and application requirements and delivers up to 40 percent more performance per watt than Intel® Xeon® processor E5000 series.
- Automated Energy Efficiency that scales energy usage to the workload to achieve optimal performance/watt and with new 40 Watt options and lower power DDR3 memory, you can lower your energy costs even further.
- Flexible virtualization that offers best-in-class performance and manageability in virtualized environments to improve IT infrastructure and enable up to 15:1 consolidation over two socket, single-core servers.

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