



HP AMD Opteron 6284SE processor 2.7 GHz 16 MB L3

Brand : HP

Product code: 686879-B21

Product name : AMD Opteron 6284SE

AMD Opteron 6284SE, 2.7GHz, 16MB, 32nm, G34

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AMD proudly presents the AMD Opteron 6200 Series—the world’s first and only 16-core x86 server processor with the highest core density for incredible scalability to handle demanding multi-threaded workloads such as cloud computing, virtualization, high-performance computing, databases and business applications.

The innovative modular architecture helps pack in more cores, making it the natural choice for heavy-threaded cloud computing environments and enterprise applications that demand outstanding performance and scalability.

Cloud Computing

Cloud Computing redefines Internet services.

Virtualization

AMD Virtualization (AMD-V) technology is designed to deliver near-native virtualization for your business.

High Performance Computing

AMD Opteron provides outstanding performance for HPC environments.



| Processor | | Processor | |
|-----------------------------|--------------------|-----------------------------------|----------|
| Processor model * | 6284 SE | Stepping | B2 |
| Processor base frequency * | 2.7 GHz | Graphics | |
| Processor family * | AMD Opteron | On-board graphics card * | ✗ |
| Processor cores * | 16 | Features | |
| Processor socket * | Socket G34 | Market segment | Server |
| Component for | Server/workstation | Processor special features | |
| Processor lithography * | 32 nm | AMD Virtualization Technology | ✓ |
| System bus rate | 6.4 GT/s | Operational conditions | |
| Processor operating modes * | 64-bit | Maximum operating temperature | 64.4 °C |
| Processor cache | 16 MB | Other features | |
| Processor cache type | L3 | L1 cache | 0.048 MB |
| L2 cache speed | 2.7 GHz | | |
| Thermal Design Power (TDP) | 140 W | | |

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