



HP AMD Opteron 6282SE processor 2.6 GHz 16 MB L3 Box

Brand : HP

Product code: 653976-B21

Product name : AMD Opteron 6282SE

AMD Opteron 6282 SE, 2.6GHz, 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 *	6282 SE	Box *	✓
Processor base frequency *	2.6 GHz	Stepping	B2
Processor family *	AMD Opteron	Graphics	
Processor cores *	16	On-board graphics card *	✗
Processor socket *	Socket G34	Features	
Component for	Server/workstation	Market segment	Server
Processor lithography *	32 nm	Processor special features	
System bus rate	6.4 GT/s	AMD Virtualization Technology	✓
Processor operating modes *	64-bit	Operational conditions	
Processor cache	16 MB	Maximum operating temperature	64 °C
Processor cache type	L3	Other features	
L2 cache speed	2.6 GHz	L1 cache	0.048 MB
Thermal Design Power (TDP)	140 W		

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