



HP AMD Opteron 6278 processor 2.4 GHz 16 MB L3

Brand : HP

Product code: 689342-B21

Product name : AMD Opteron 6278

AMD Opteron 6278, 2.4GHz, 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 *	6278	Stepping	B2
Processor base frequency *	2.4 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	69 °C
Processor cache	16 MB	Other features	
Processor cache type	L3	L1 cache	0.048 MB
L2 cache speed	2.4 GHz		
Thermal Design Power (TDP)	115 W		

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