



HP AMD Opteron 6278 processor 2.4 GHz 16 MB L3

Brand : HP

Product code: 686868-B21

Product name : AMD Opteron 6278

AMD Opteron 6278, 2.4GHz, 16MB, 32nm, G34

[HP AMD Opteron 6278 processor 2.4 GHz 16 MB L3:](#)

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		

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 22-DEC-2023. Prints or copies of Information are only valid on the printed Publication date