

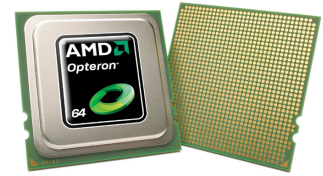


HP AMD Opteron 8220 processor 2.8 GHz 1 MB L2

Brand : HP

Product code: 438820-B21

Product name : AMD Opteron 8220



AMD Opteron 8220 (2.8GHz, L2 Cache 1MB, 95W)

[HP AMD Opteron 8220 processor 2.8 GHz 1 MB L2:](#)

The AMD Opteron™ processor helps enable a breakthrough in high-performance, low power processing for edge-of-enterprise markets including storage and telecommunications, as well as more traditional embedded markets such as security and medical imaging, military systems, and single-board computing. AMD64 technology with Direct Connect Architecture helps provide a balanced foundation for embedded systems. Based on the industry-standard x86 platform, AMD64 delivers the right match of processing power, memory performance, I/O throughput, and scalability. Add the vision of 32- and 64-bit application support with native multi-core computing in a consistent thermal envelope and many embedded designers are finding their AMD Opteron™ processor-based next-generation systems deliver superior application performance.

Processor		Processor	
Processor model *	8220	VID Voltage Range	1.30 - 1.35 V
Processor base frequency *	2.8 GHz	Stepping	F3
Processor family *	AMD Opteron	Graphics	
Processor cores *	2	On-board graphics card *	✗
Processor socket *	Socket F (1207)	Features	
Component for	Server/workstation	Market segment	Server
Processor lithography *	90 nm	Processor special features	
System bus rate	1 GT/s	AMD Virtualization Technology	✓
Processor operating modes *	64-bit	Operational conditions	
Processor cache	1 MB	Maximum operating temperature	72 °C
Processor cache type	L2	Other features	
Processor front side bus	2800 MHz	L1 cache	0.1 MB
Thermal Design Power (TDP)	95 W		

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