



HP AMD Opteron 1220 processor 2.8 GHz 1 MB L2

Brand : HP

Product code: GK930AV

Product name : AMD Opteron 1220



Opteron Dual-core 1220 SE, 2.8GHz, Socket AM2, L2 1MB

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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 base frequency *	2.8 GHz	Processor front side bus	1000 MHz
Processor family *	AMD Opteron	Thermal Design Power (TDP)	125 W
Processor cores *	2	Box *	✗
Processor socket *	Socket AM2	Processor core voltage (AC)	1.35/1.40 V
Processor lithography *	90 nm	Stepping	F2
Processor operating modes *	64-bit		
Processor cache	1 MB	Operational conditions	
Processor cache type	L2	Maximum operating temperature	63 °C
L2 cache speed	2.8 GHz	Other features	
		L1 cache	0.125 MB

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