

## AMD Sempron LE-1300 specifications

### General information

Type	<a href="#">CPU / Microprocessor</a>
Market segment	Desktop
Family	<a href="#">AMD Sempron</a>
Model number <a href="#">?</a>	<a href="#">LE-1300</a>
CPU part numbers	SDH1300IAA4DP is an OEM/tray microprocessor <ul style="list-style-type: none"><li>SDH1300DPBOX is a boxed microprocessor with fan and heatsink</li></ul>
Stepping code	<a href="#">HAAIG</a>
Frequency <a href="#">?</a>	2300 MHz
Bus speed <a href="#">?</a>	Dual-channel 333 MHz DDR2 SDRAM Memory controller One 800 MHz 16-bit HyperTransport link (1.6 GT/s)
Package	940-pin lidded micro Pin Grid Array (micro-PGA)
Socket	<a href="#">Socket AM2</a>

### Architecture / Microarchitecture

Microarchitecture	K8
Processor core <a href="#">?</a>	Sparta
Core stepping <a href="#">?</a>	DH-G2
CPUID	70FF2
Manufacturing process	0.065 micron silicon-on-insulator (SOI) technology
Data width	64 bit
The number of CPU cores	1
The number of threads	1
Floating Point Unit	Integrated
Level 1 cache size <a href="#">?</a>	64 KB 2-way set associative instruction cache 64 KB 2-way set associative data cache
Level 2 cache size <a href="#">?</a>	512 KB 16-way set associative cache
Multiprocessing	Uniprocessor
Extensions and Technologies	<ul style="list-style-type: none"><li>MMX instructions</li><li>Extensions to MMX</li><li>3DNow! technology</li><li>Extensions to 3DNow!</li><li>SSE / Streaming SIMD Extensions</li><li>SSE2 / Streaming SIMD Extensions 2</li><li>SSE3 / Streaming SIMD Extensions 3</li><li>AMD64 / AMD 64-bit technology <a href="#">?</a></li><li>EVP / Enhanced Virus Protection <a href="#">?</a></li></ul>
Low power features	PowerNow!

### Integrated peripherals / components

Integrated graphics	None
Memory controller	The number of controllers: 1 Memory channels: 2 Supported memory: DDR2
Other peripherals	HyperTransport 1.0 technology

### Electrical / Thermal parameters

Thermal Design Power [?](#) 45 Watt

### Notes on AMD Sempron LE-1300

- Processor supports x86-64 (64-bit) mode
- One source claims the CPU supports DDR2-800 memory
- The processor was discontinued at the end of 3rd quarter 2009