

## AMD Sempron LE-1100 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-1100</a>
CPU part numbers	SDH1100IAA3DE is an OEM/tray microprocessor <ul style="list-style-type: none"><li>SDH1100DEBOX is a boxed microprocessor with fan and heatsink</li></ul>
Stepping codes	<a href="#">CAA4G</a> <a href="#">CAALG</a> <a href="#">NAA4G</a>
Frequency <a href="#">?</a>	<b>1900 MHz</b>
Bus speed <a href="#">?</a>	<b>Dual-channel 333 MHz DDR2 SDRAM Memory controller</b> <b>One 800 MHz 16-bit HyperTransport link (1.6 GT/s)</b>
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-G1
CPUID	70FF1
Manufacturing process	0.065 micron silicon-on-insulator (SOI) technology
<b>Data width</b>	<b>64 bit</b>
<b>The number of CPU cores</b>	<b>1</b>
<b>The number of threads</b>	<b>1</b>
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
<b>Level 2 cache size <a href="#">?</a></b>	<b>256 KB 16-way associative exclusive cache</b>
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: DDR2-667 Maximum memory bandwidth (GB/s): 10.7
Other peripherals	HyperTransport 1.0 technology

### Electrical / Thermal parameters

V core <a href="#">?</a>	1.25V / 1.3V / 1.35V
Maximum operating temperature <a href="#">?</a>	55°C - 65°C
<b>Thermal Design Power <a href="#">?</a></b>	<b>45 Watt</b>

### Notes on AMD Sempron LE-1100

- Processor supports x86-64 (64-bit) mode
- One source claims the CPU supports DDR2-800 memory
- AMD lists this CPU with SDH1100DPBOX box part number

