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AMD Sempron 2800+ - SDA2800DUT3D (SDA2800BOX)

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Specifications Pictures (1) CPU ID (1) Comments (2)

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General information

Type	CPU / Microprocessor
Market segment	Desktop
Family	AMD Sempron
Model number ?	2800+
CPU part number	SDA2800DUT3D
Box part number	SDA2800BOX
Stepping codes	BCXJB BIXJB
Frequency (MHz) ?	2800 (rated) 2000 (actual)
Bus speed (MHz) ?	333
Clock multiplier ?	12
Package	453-pin organic PGA 1.95" x 1.95" (4.95 cm x 4.95 cm)
AMD Package numbers	27648, 28104
Socket	Socket A (Socket 462)
Introduction date	July 28, 2004
Price at introduction	\$109

Architecture / Microarchitecture

Processor core ?	Thoroughbred (Model 8)
Manufacturing process	0.13 micron
Floating Point Unit	Integrated
Level 1 cache size ?	64 KB code 64 KB data
Level 2 cache size ?	Full speed on-die exclusive 256 KB
Features	○ MMX technology ○ SSE ○ 3DNow! Professional
Low power features	○ Halt state ○ Stop Grant states ○ Sleep state ? ○ Probe state

Electrical/Thermal parameters

V core (V) ?	1.6
Minimum/Maximum operating temperature (°C) ?	0 - 90
Minimum/Typical/Maximum power dissipation (W)	7.9 (Stop Grant mode) / 55.9 / 62

Notes on AMD SDA2800DUT3D

- Actual bus frequency is 166 MHz. Because the processor uses Double Data Rate bus the effective bus speed is 333 MHz

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