AMD Athlon XP 2800+ (333FSB, 512KB) specifications

General information	
Type	CPU / Microprocessor
Market segment	Desktop
Family	AMD Athlon XP
Model number	**2800+**
CPU part number	• **AXDA2800DKV4D** is an OEM/tray microprocessor
Stepping codes	ADYHA AQUCA AQXCA AQXDA AQXEA AQXFA AQYHA AQZEA AQZFA IQYHA KQYHA
Frequency	**2800+ (rated)** **2083 MHz (real)**
Bus speed	**333 MHz**
Clock multiplier	**12.5**
Package	453-pin organic PGA 1.95" x 1.95" (4.95 cm x 4.95 cm)
AMD Package numbers	27488, 27493, 28103
Socket	**Socket A (Socket 462)**
Architecture / Microarchitecture	
Microarchitecture	K7
Processor core	Barton (Model 10)
Core stepping	A2
CPUID	6A0
Manufacturing process	0.13 micron copper process
Data width	**32 bit**
The number of CPU cores	**1**
The number of threads	**1**
Floating Point Unit	Integrated
Level 1 cache size	64 KB 2-way set associative instruction cache 64 KB 2-way set associative data cache
Level 2 cache size	**Full-speed exclusive on-die 512 KB 16-way set associative cache**
Multiprocessing	Uniprocessor
Extensions and Technologies	• MMX instructions • Extensions to MMX • 3DNow! technology • Extensions to 3DNow! • SSE / Streaming SIMD Extensions
Low power features	• Halt state • Stop Grant states • Sleep state • Probe state
Integrated peripherals / components	
Integrated graphics	None
Electrical / Thermal parameters	
V core	1.65V
Minimum/Maximum operating temperature	0°C - 85°C
Typical/Maximum power dissipation	53.7 Watt / 68.3 Watt

Notes on AMD Athlon XP 2800+ (333FSB, 512KB)

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