

AMD Athlon XP 3000+ (333FSB) specifications

General information

Type	CPU / Microprocessor
Market segment	Desktop
Family	AMD Athlon XP
Model number ?	3000+
CPU part number	<ul style="list-style-type: none">AXDA3000DKV4D is an OEM/tray microprocessor
Stepping codes	ADYHA AQUCA AQXCA AQXDA AQXEA AQXFA AQYFA AQYHA AQZEA AQZFA IQYHA KOYHA
Frequency ?	3000+ (rated) 2167 MHz (real)
Bus speed ?	333 MHz
Clock multiplier ?	13
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)
Introduction date	10-Feb-03
Price at introduction	\$588

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	<ul style="list-style-type: none">MMX instructionsExtensions to MMX3DNow! technologyExtensions to 3DNow!SSE / Streaming SIMD Extensions
Low power features	<ul style="list-style-type: none">Halt stateStop Grant statesSleep 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	58.4 Watt / 74.3 Watt

Notes on AMD Athlon XP 3000+ (333FSB)

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