

AMD Athlon XP 2900+ specifications

General information

Type	CPU / Microprocessor
Market segment	Desktop
Family	AMD Athlon XP
Model number ?	2900+
CPU part number	<ul style="list-style-type: none">AXDA2900DKV4E is an OEM/tray microprocessor
Stepping code	AQYHA
Frequency ?	2900+ (rated) 2000 MHz (real)
Bus speed ?	400 MHz
Clock multiplier ?	10
Package	453-pin organic PGA 1.95" x 1.95" (4.95 cm x 4.95 cm)
AMD Package number	27493
Socket	Socket A (Socket 462)

Architecture / Microarchitecture

Microarchitecture	K7
Processor core ?	Barton (Model 10)
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 code 64 KB data
Level 2 cache size ?	Full-speed exclusive on-die 512 KB
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

Notes on AMD Athlon XP 2900+

- Actual bus frequency is 200 MHz. Because the processor uses Double Data Rate bus the effective bus speed is 400 MHz.