

## AMD Athlon XP 3100+ specifications

### General information

Type	<a href="#">CPU / Microprocessor</a>
Market segment	Desktop
Family	<a href="#">AMD Athlon XP</a>
Model number <a href="#">?</a>	<a href="#">3100+</a>
CPU part number	<ul style="list-style-type: none"><li>AXDC3100DKV3E is an OEM/tray microprocessor</li></ul>
Stepping code	<a href="#">CQYHA</a>
Frequency <a href="#">?</a>	<b>3100+ (rated)</b> <b>2200 MHz (real)</b>
Bus speed <a href="#">?</a>	<b>400 MHz</b>
Clock multiplier <a href="#">?</a>	<b>11</b>
Package	453-pin organic PGA 1.95" x 1.95" (4.95 cm x 4.95 cm)
AMD Package number	27493
Socket	<b>Socket A (Socket 462)</b>

### Architecture / Microarchitecture

Microarchitecture	K7
Processor core <a href="#">?</a>	<a href="#">Thorton (Model 10)</a>
Manufacturing process	0.13 micron
Data width	<b>32 bit</b>
The number of CPU cores	<b>1</b>
The number of threads	<b>1</b>
Floating Point Unit	Integrated
Level 1 cache size <a href="#">?</a>	64 KB code 64 KB data
Level 2 cache size <a href="#">?</a>	<b>Full-speed on-die 256 KB</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></ul>
Low power features	<ul style="list-style-type: none"><li>Halt state</li><li>Stop Grant states</li><li>Sleep state <a href="#">?</a></li><li>Probe state</li></ul>

### Integrated peripherals / components

Integrated graphics	None
Electrical / Thermal parameters	
V core <a href="#">?</a>	1.65V
Minimum/Maximum operating temperature <a href="#">?</a>	0°C - 85°C

### Notes on AMD Athlon XP 3100+

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