

Re: What is the difference between "Slot A" and "Socket A" ?

Re: What is the difference between "Slot A" and "Socket A" ?

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2006-12/msg00200.html>

- *From:* robert.inkol@xxxxxxxxxxx
 - *Date:* 2 Dec 2006 09:10:41 -0800
-

Slot A was the physical interface used by the first generation Athlons. Go to <http://en.wikipedia.org/wiki/Athlon> for more information.

The Socket and Slot formats are completely incompatible. The performance of the Socket A chips, especially the Athlon XPs, benefited from the on-chip L2 cache and other improvements, including faster memory buses and high clock speeds. Note that the early generation Socket A motherboards do not properly support the faster memory buses used by later models of the Athlon XP. In any case the later motherboards are desirable since they are better featured (e.g., USB 2.0 support) and less likely to suffer from the defective capacitor problems that were common in the motherboard industry in the period around 2001.

There is no simple answer concerning motherboard compatibility with the mobile XPs. The earlier Socket A motherboards are very questionable. With newer motherboards, there are likely to be some issues getting the cpu to run at full speed, though there are ways of resolving this issue. If you are thinking of a particular configuration, further investigation via a google search would be useful.

Robert

Peter Meister wrote:

I am a bit confused about the difference of motherboard sockets labelled "Slot A" and "Socket A".

Often it is written that AMD Athlon CPUs fit into Slot A and at other places into Socket A.

So if Athlon CPUs fit into both types then the socket types must be the same ?

Or are there any differences ?
Which one is the "better" ?

Re: What is the difference between "Slot A" and "Socket A" ?

Re: What is the difference between "Slot A" and "Socket A" ?

Can both socket types hold AMD Athlon mobile resp AMD Athlon XP mobile CPUs ?

Peter