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Subject: A word or two about dual socket server mobo's

Posted by [Deej \[4\]](#) on Wed, 16 May 2007 16:44:44 GMT

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A dual socket server mobo running dualcore CPU's will not allow square pegs to be hammered into round holes.....picky, picky, picky as far as what can/can't be used. I just got off the phone with Tyan tech support. I glad I called them. I would suggest that anyone who is contemplating going down this road do their homework and be especially careful of matching things like CPU revisions.....this is absolutely necessary.....two AMD Opteron Socket "F" CPU's can have the \*exact\* same specifications but if they are different revisions, they will not work in a dual socket (Tyan) at least) mobo. If you are shopping for CPU's on EBay and see a pair of similar CPU's advertized for about 1/2 the price that a single one would list for as a place like Newegg, they will likely be different revisions of the same chip and will not work together in a dual socket mobo. Here's an example of what I'm talking about:

[http://cgi.ebay.com/Two-new-oem-2218-opteron-socket-F-processors\\_W0QQitemZ230129132618QQihZ013QQcategoryZ80142QQrdZ1QQcm dZViewItem](http://cgi.ebay.com/Two-new-oem-2218-opteron-socket-F-processors_W0QQitemZ230129132618QQihZ013QQcategoryZ80142QQrdZ1QQcm dZViewItem)

Normally, just one of these CPU's would cost about \$550.00.

Notice at the bottom under specifications that the mfg part numbers are different (OSA2218CQWOF, OSA2218GAA6CQ)

Now going to AMD's website you will come up with:

<http://www.amdcompare.com/us-en/opteron/details.aspx?opn=OSA 2218CQWOF>

and:

<http://www.amdcompare.com/us-en/opteron/details.aspx?opn=OSA 2218GAA6CQ>

Exact same specs but these will not operate properly in a dual socket mobo according to Tyan tech support.

Just a heads up for those of you who may be contemplating a jump to a server based native DAW. If I didn't have the compulsion to seek out the most painful and frustrating experiences that humans could possibly endure, Chris Ludwig would be building this box for me.

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