

Solution of Assignment_Quiz_1

Answer: 1

Dual core is simply a generic term referring to any processor package with two physical CPUs in one. The **Pentium D**, **Core Duo**, **Core 2 Duo** and **Athlon X2** are all current CPUs that have dual cores in one package.

The **Core Duo** is Intel's first generation dual core processor based upon the Pentium M (a Pentium III-4 hybrid) made mostly for laptops (though a few motherboard manufacturers have released desktop boards supporting the Core Duo CPU), and is much more efficiently than Pentium D.

The **Core 2 Duo** is Intel's second generation (hence, Core 2) processor made for desktops and laptops designed from the ground up to be fast while not consuming nearly as much power as previous CPUs.

Note - Intel has dropped the **Pentium** name in favor of the **Core** architecture as Intel is restructuring and refocusing it's efforts to become number one again (and are doing a fine job, might I add).

The **AMD Athlon X2** CPUs have two revisions, the first one is essentially very similar to the Pentium Ds in that they are simply two Athlon 64 chips fused together, making power requirements quite steep (around 89 watts). The second revision is made more efficiently, like the Core Duos, with much less power consumption (around 65 watts).

Answer: 2

False. 4004 was first 4 bit processor, introduced in 1971.