

# AMD Athlon X2 7750 Black Edition 2.7GHz CPU

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(PhysOrg.com) -- AMD has introduced a new dual-core desktop processors aimed at the value end of the consumer market. The new Athlon X2 7000 series, which is available now, are the company's first dual core chips based on its Phenom quad design.

AMD has now taken everything they have learned with the Phenom series and built on it for the AMD Athlon X2. The Athlon X2 Series offers some of the same features as the past Athlon X2 series processors, but adds new ones, like an L3 Cache, HyperTransport 3.0 and a max TDP of 95 watts.

The Athlon X2 7750 has 2 x 512MB of L2 Cache and 2MB shared of L3 Cache. This new version of the Athlon X2 now runs on a HyperTransport 3.0 bus, which for the X2 7750, with an HT speed of

1800MHz gives you a maximum 3,600MTs or 7,200MBs. The X2 7750 also features a maximum TDP (thermal design power) of 95 watts. According to AMD this is the maximum amount of power the CPU will draw and dissipate under normal operating conditions.

The new AMD Athlon series comprises the 2.5GHz Athlon X2 7550, which will be available only to system builders, and the 2.7GHz Athlon X2 7750 BE (Black Edition) with an unlocked multiplier for improved overclocking priced at \$79.

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