

Desktop computer using Atom CPU

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It is a pleasant surprise to "see" the Intel Atom CPU in the eMachine EL1600 desktop, which is a familiar processor for ultra-portable devices with extremely modest power consumption, just from 2 Watt.



eMachine EL1600 has very compact CPU.

The difference of a desktop using Atom CPUs can be felt through its compact size and significantly reduced weight compared to regular desktops. Convenient for moving and decorating in interior space. The design is quite strange and beautiful. Taking up most of the front is a graceful shiny black plastic mask. The whole machine only has a button to press power to be cleverly "disguised" with the symbol of eMachines, and the optical drive behind the black "mask" layer that was first used may not be recognized.

When the Power button is pressed, the eMachines EL1600 starts booting smoothly. Pressure near the ear to see small fan noise. If there is no blue LED signal, it is difficult to know if the device is turned on.

The bottom front is the part that communicates with peripheral devices. Perhaps you don't need more than 4 USB ports and audio / microphone communication ports. Body of eMachines logo embossing machine is quite

delicate, thick stylized paint can feel the roughness on the fingertips.

By using an Intel Atom processor, the weight is significantly reduced thanks to the absence of huge power supplies - large cooling fans. According to observation, machine structure has many interesting points for hardware enthusiasts. The first is a small 220 Watt power supply with just a CD drive. Micro CPU is fixed on the main board. The only cooling device is a tiny fan that is only 2 inches in size, which explains the smooth operation of EL1600.



The size of the CPU is comparable to the computer speaker.

Admittedly, the advantages of design as well as power savings due to the use of specialized microprocessors provide, but this choice also means hardware limitations. EL1600 uses 1.6 GHz N230 CPU (the largest Atom line is only 1.86 GHz), 1 GB RAM, DVD +/- RW SuperMulti Plus Double Layer, integrated Intel GMA 950 VGA. This configuration may be a bit low compared to the current desktop level but is quite good with the needs and goals users target.

The compact eMachines EL1600 offers beautiful designs suitable for modern homes and businesses. Especially the power saving capability is remarkable compared to traditional desktop computers. This means a lot in the current energy and economic crisis.

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