

AMD Athlon™ Processor Installation Checklist

Make sure the custom system you are about to build has only components from the recommended lists, and follow this checklist to build Today's Fastest PC's.

- 1. Ensure the selected motherboard is from the AMD recommended AMD Athlon motherboard list.
See: <http://www1.amd.com/athlon/config>
- 2. Ensure the selected case (chassis) is from the AMD recommended chassis list.
See: <http://www1.amd.com/athlon/config>
- 3. Ensure the selected power supply is from the AMD recommended power supply list.
(Or check that the one installed in your chassis is on the list.)
See: <http://www1.amd.com/athlon/config>
Note: If necessary, pre-install the recommended power supply in the chassis.
- 4. Ensure that you are properly grounded to protect delicate electronic components from static electricity damage.
- 5. Install the selected hard drives, floppy, DVD or CD-ROM player, and other devices into the chassis.
Note: Check the hard drive model. If the hard drive supports UDMA-66 (Also known as ATA-66), then you MUST install a UDMA-66 cable.
- 6. Remove the motherboard from its protective packaging and place it on a firm (not hard) surface, ideally an anti-static pad.
- 7. Remove the AMD Athlon processor from its protective packaging and install the processor into the motherboard. Follow the *Processor Installation Guide* that comes with the Processor-in-a-Box.
- 8. Install the assembled motherboard and processor into the chassis. Be sure to install standoffs as needed to support the board in the areas where cards will be inserted.
- 9. Check the motherboard for any jumper settings. (Most AMD Athlon systems do not require jumpers.)
- 10. Ensure selected memory (128 MBytes or more are recommended for best performance) is found on the AMD recommended memory list. See: <http://www1.amd.com/athlon/config>
- 11. Install the recommended memory into the motherboard. Be sure to install the RAM in the sequence required for the motherboard. Verify each memory DIMM is inserted all the way and locked in place.
- 12. Install a high-performance AGP graphics card. Have the latest drivers available (see the website of the card maker). You will need the drivers later.
- 13. Connect the power cables to the drives and motherboard.
- 14. Connect the hard drive, floppy, and DVD (CD-ROM) data cables as usual. Verify that the cables are installed securely and with the proper end on Pin 1.
- 15. Connect the monitor data cable, keyboard cable, and mouse cable to the rear of the system.
- 16. Install the line power cord on the power supply.
- 17. Go to the websites of AMD and the motherboard vendor for the latest drivers and utilities. Check your motherboard vendor's web site for the latest version of the AMD AGP miniport driver and bus mastering IDE driver. (AMD also has drivers available. See: <http://www1.amd.com/athlon/config>)
- 18. Check the peripheral manufacturer's web site for the latest drivers for the sound card, network interface card, etc. (and the graphics card if you have not done so already).
- 19. Power the system on and begin loading software and drivers, following the installation instructions.
- 20. Make sure the system starts and runs reliably with just the graphics card installed. Restart and run the system multiple times. (Play one of the games included with the O/S to verify operation of the system.)
- 21. If other cards are to be installed, install them now—one at a time. Turn off the system and unplug it before installing a card. Restart the system after each card installation.
Note: If you have difficulties with installing some of the cards, read the document entitled "Complex Configurations and IRQ Info" on the AMD website. Always check the AMD device compatibility lists on the AMD website. See: <http://www1.amd.com/athlon/config>
- 22. As you install each card, verify the card is properly installed (all the way in, front and back) and that the retention screws are in place.
- 23. Enjoy your new system