

# **E-Z Computer Assembly Guide**

*by*

**QuikShot Computer Products On-line**

<http://www.tab.com/jmc/quikshot>

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## Products needed

1. **Generic Case** - Desktop or Mini-Tower with 200 watt min. power supply
2. **Motherboard** - 486SLC2-66 MHz with Math-CO recommended
3. **Memory** - 2 - 4MB Simms recommended
4. **Harddrive** - 540MB IDE Interface recommended
5. **IDE I/O Card** - Connections for 1 IDE Harddrive, 2 serial ports, 1 printer port, 1 game port (cables included)
6. **Video Card** - 16 Bit ISA or 32 Bit VL with 1MB memory
7. **Floppy Drive** - 1.44MB recommended
8. **Keyboard** - 101 Enhanced recommended
9. **Monitor** - 14 inch SVGA .28dp recommended

**Where to buy**

Visit us on the Internet

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## E-Z step by step assembly

**Check your order** - When your order arrives verify that you have received all your components. If a component is missing please notify QuikShot immediately. QuikShot will rush order the missing component to you immediately.

**Check for shipping damage** - Visually check your order for any damage. If damage is found please alert the shipping company and contact QuikShot immediately.

**Remove the case cover** - Case covers must be removed to install the components. QuikShot case covers are easily removed by removing 4 to 6 Phillips type screws from the rear of the case and lifting up. Be careful not to remove the screws supporting the power supply. These are the screws directly around the small fan that is seen at the rear of the case.

**Check case components (packaging)** - With the case cover removed, you should find a small plastic bag with mounting screws, small plastic lifts, and a black power cord. Set these aside for now.

**Install the memory** - Remove the motherboard and memory from it's packaging. On the 486SLC2-66 motherboard there will be 4 open memory slots (different boards have different memory configurations). Place the Simms memory into the available memory slots on the motherboard. You must use a minimum of 2 -30 pin Simms chips on a motherboard with 4 slots and they must be placed in bank 0. Bank 0 being 2 slots and bank 1 being 2 slots. This is shown on the motherboard and in the guide that comes with the motherboard. If your Simms memory are 1MB each you can have a total of 4MB of RAM. If your Simms memory are 4MB each you can have a total of 16MB etc..

**Install the motherboard** - Insert the supplied small plastic lifts into the existing holes in the motherboard that corresponds with the holes in the case. Insert 2 supplied brass fitting lifts into the existing drilled holes in the case and tighten lightly. Place the motherboard in the case with the keyboard connector being closest to the power supply and aligning the bus slots on the motherboard with the slots in the case. Align the brass fitting lifts with the pre-drilled holes in the motherboard and complete the installation by attaching the motherboard to the brass fittings with the supplied screws.

**Connecting the power supply** - Attach the 2 - 6 wire power supply cords that lead from the power supply to the power connector on the motherboard located next to the keyboard connector.

**Placing the Harddrive in the case** - Remove the Harddrive from it packaging. Harddrives are fragile so please handle with care. Place the harddrive in the lower part of the supplied drive support unit built into the case with the power and cable connectors facing the rear of the case. Attach the drive to the case using the supplied screws.

**Placing the floppy drive in the case** - Remove the floppy drive from it packaging. Place the floppy drive in the middle part of the supplied drive support unit built into the case with the power and cable connectors facing the rear of the case. Align the front of the floppy drive with the outside front of the case. Attach the drive to the case using the supplied screws.

**Install the IDE I/O card** - Press the IDE I/O card into any of the available bus slots on the motherboard. An ISA card should be used in the 16 bit slots and VL card in the 32 bit slots. Attach the card to the case with the supplied screws.

**Install the Video card** - Press the Video card into any of the available bus slots on the motherboard. An ISA card should be used in the 16 bit slots and VL card in the 32 bit slots. Attach the card to the case with the supplied screws.

**Connecting the cable to the harddrive** - Connect one end of the supplied 40 pin wire cable to the 40 pin connector on the IDE I/O card and the other end to the 40 pin connector at the rear of the IDE harddrive. Notice on the cable that one edge is colored red. The red edge must align with pin #1 on the IDE I/O card and pin #1 on the IDE harddrive connector.

**Connecting power to the harddrive** - Connect one of the D shaped drive power cables from the power supply to the D shaped power connector at the rear of the harddrive.

**Connecting the cable to the floppy drive** - Connect one end of the supplied 34 pin wire cable to the 34 pin connector on the IDE I/O card and the other end to the 34 pin connector at the rear of the floppy drive. Notice on the cable that one edge is colored red. The red edge must align with pin #1 on the IDE I/O card and pin #1 on the floppy drive connector.

**Connecting power to the floppy drive** - Connect one of the small square shaped drive power cables from the power supply to the small square shaped power connector at the rear of the floppy drive.

**Connecting the keyboard** - Insert the keyboard connector through the keyboard hole in the rear of the case into the keyboard connector on the motherboard.

**Connecting the monitor** - Attach the cable with the D shaped connector from the monitor to the D shaped video connector at the rear of the computer.

**Preparing the harddrive** - Turn the computer on. Wait for the computer to do a self-test, stop, and issue an error message or tap the Del key several times as the computer tests the memory. This loads the built-in system configuration program. Press enter at the first screen to continue to the system setup menu. Select option number one from the menu. The current system settings are now on the screen. Follow the screen prompts making the correct settings. The harddrive parameters are located on a sticker on top the harddrive or can be obtained from an option on the system setup menu. Save the new settings and exit the setup program. Turn the system off.

**Installing the operating system** - Place your DOS setup diskette into the floppy drive and turn the computer on. DOS will automatically load and present you with the option to format your harddrive (Drive C). Select yes and continue following the prompts. DOS will format your harddrive and install the operating system on your computer.

**Replace the case cover** - Place the cover back on the case and install the supplied screws.

**Finish loading your software** - Your system is now ready for you to install your favorite software.

The End