

How to Change the Parallel Port Type to ECP, EPP, or Bi-Directional for a Printer or Other Device on a Sony PC?

Many devices, such as printers, now require the parallel port of the computer to be correctly configured. This is done in the BIOS of the computer. Detailed instructions for changing this settings are listed below by model.

PRINTER CABLE NOTE: All printer cables are NOT wired the same! The printer cable that worked on an old printer may not work for a new printer. ECP ports require IEEE 1284 printer/parallel cables. If a printer does not work after being installed, always check the printer manufacturer's specifications to ensure that the correct cable type is being used.

DEVICE MANAGER NOTE: In Device Manager (under ports), the parallel port may be listed as ECP Printer Port (LPT1). This description does NOT reflect the BIOS setting.

NOTEBOOK PORT NOTE: EPP is not an option on the notebook models.

Please view the appropriate model information below:

I. Desktop Models PCV 70 90 100 120:

1. Restart the computer.
 - A. Click Start
 - B. Click Shutdown
 - C. Select Restart and click OK
2. During the first black and white Sony screen, press F3 to enter the boot screen.
3. Press F1 to enter the BIOS Setup.
4. Use Right arrow to reach the Advanced menu.
5. Scroll down and highlight Peripheral Configuration and press Enter.
6. Scroll down and highlight Parallel Port Type. The default setting is Compatible. Press Enter.
7. Select either EPP, ECP or Bi-directional and press Enter.
8. Press Esc twice to get to the Exit screen.
9. Press Enter twice to Exit Saving Changes. The system will restart into Windows.

II. Desktop Models PCV 130 150:

1. Restart the computer.
 - A. Click Start
 - B. Click Shutdown
 - C. Select Restart and click OK
2. During the first black and white Sony screen, press F3 to enter the boot screen.
3. Press F1 to enter the BIOS Setup.
4. Use Right arrow to reach the Advanced menu.
5. Scroll down and highlight Peripheral Configuration and press Enter.
6. Scroll down and highlight Mode. The default setting is ECP. Press Enter.
7. Select either Output Only, Bi-directional or EPP. Press Enter.
8. Scroll to Parallel Port and press Enter.
9. Select Enabled and press Enter.
10. Press Esc twice to get to the Exit screen.
11. Press Enter twice to Exit Saving Changes. The system will restart into Windows.

III. Desktop Models PCV 200 210 220 230 240:

1. Restart the computer.
 - A. Click Start
 - B. Click Shutdown
 - C. Select Restart and click OK
2. During the first black and white Sony screen, press F3 to enter the boot screen.
3. Press F1 to enter the BIOS Setup.
4. Use Right arrow to reach the Advanced menu.
5. Scroll down and highlight Peripheral Configuration and press Enter.
6. Scroll down and highlight Mode. The default setting is ECP. Press Enter.
7. Select either Output Only, Bi-directional or EPP. Press Enter.
8. Scroll to Parallel Port and press Enter.
9. Select Enabled and press Enter.

10. Press F10 to save these changes, confirm and exit. The system will restart into Windows.

IV. Desktop Models PCV E201 E203 E204 E205 E302DS E308DS E314DS

PRINTER DRIVER NOTE: Check with the printer vendor for updated Windows 98 printer drivers.

- 1.** Restart the computer.
 - A. Click Start
 - B. Click Shutdown
 - C. Select Restart and click OK
- 2.** During the initial Sony screen, press F3 to enter the boot screen.
- 3.** Press F2 to enter the BIOS Setup.
- 4.** Press the RIGHT ARROW once to Advanced.
- 5.** Highlight I/O Device Configuration and press ENTER.
- 6.** Scroll down to Mode (under parallel port) and press ENTER.
- 7.** Select either Output Only, Bi-directional, EPP, or ECP and press ENTER.
- 8.** Scroll to Parallel Port and press ENTER.
- 9.** Select Enabled and press ENTER.
- 10.** Press F10 to save these changes confirm and exit. Press ENTER to confirm the changes and the computer will restart.