



Tech Info Library

AppleWorks: Standard and Custom Printer Interfaces (1 of 2)

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Versions of AppleWorks earlier than version 1.2 don't allow you to run Appleworks using any other interface card but the Apple Super Serial card. If you wish to use a different interface card, you must upgrade to 1.2 or later versions.

For a new owner of an Apple IIe with AppleWorks, dealers should include only those interface cards that work. The Silentype has its own interface card. Aside from that, there are two interface cards, the Apple II Parallel Interface Card (A2B0021) and the Apple Super Serial Card (A2B0044), that work correctly with all of the printers on AppleWorks' Add a Printer list:

1. Apple Printers
 - a. Dot Matrix Printer (DMP). AppleWorks is set up for the Apple DMP. If you have any other printer, you must set up AppleWorks for it.
 - b. Daisy Wheel Printer (DWP)
 - c. Imagewriter
 - d. Scribe
2. Epson (tm) Printer Series: MX, MX with Graftrax+, RX, and FX
3. Qume (r) Sprint 5 and Sprint 11

For new owners of a IIc, dealers should make sure that the customer's printer is compatible with a IIc running AppleWorks.

For a IIe owner considering AppleWorks, make sure the owner has a configuration compatible with AppleWorks. If the owner doesn't have such a configuration, the owner's only recourse is to buy an interface card that is compatible.

--> Using AppleWorks with cards and printers not on the standard list

If you're using a card or a printer not on AppleWorks' standard list, you must add a custom printer to your AppleWorks configuration and specify the characteristics of the card or printer.

To choose the following options, type the number and press the RETURN key.

1. From AppleWorks' main menu, choose "5. Other Activities".
2. From the "Other Activities" menu, choose "7. Specify information about your printer(s)".
3. From the "Printer Information" menu, choose "2. Add a printer".
4. From the "Add a Printer" menu, choose "12. Custom printer".
 - a. Enter the name you wish to use for the printer.
 - b. Press RETURN.
 - c. Apple IIe: Choose the slot of the printer's interface card.
Apple IIc: Choose the port of the printer.
 - d. Press RETURN.
5. Press the ESC key: now the printer has been added to AppleWorks.
6. Now you must give AppleWorks what the printer needs to perform, specifying requirements for:
 1. a line feed after each carriage return,
 2. a top-of-page command,
 3. stopping at the end of each page,
 4. platen width,
 5. interface card settings, and
 6. codes for special functions of the printer.

Items 1 to 4 are self-explanatory and can readily be changed to meet the requirements of different jobs. You can do this from the "Printer Information" menu, choosing the printer you named under "Add a Printer".

7. With the Apple IIe, choose "5. Interface Cards". Now AppleWorks asks for a code to send to the printer interface card to prepare the card for sending data to the printer. Consult the table below for the appropriate keystrokes. (Note that [CTRL-] and the character in the bracket means that you must hold the CTRL key down while you type the character; do not type the brackets.)

Interface card	Code string
Apple Parallel Card (2PIC)	[CTRL-I]80N
Apple Super Serial Card	[CTRL-I]80N
Apple Centronix Parallel Card	[CTRL-I]255N
Grappler Plus	[CTRL-I]0N
Microtek RV-611C	[CTRL-I]255N
Pkaso	[CTRL-I]0N
MPC AP Graph and Graphwriter	[CTRL-I]255N

If your card isn't on this chart, look in the card manual; it should have the code string.

It's important to note that, although some printer manuals give code strings in the form of keystrokes, some other manuals give code strings in numerical form, either decimal (0 to 9) or hexadecimal (0 to F).

AppleWorks won't accept a code string simply typed in as one of these numbers; you must use a keystroke or combination of keystrokes to send the number from the keyboard to AppleWorks. Look up the decimal or hexadecimal form of the number in an Apple II ASCII chart; the appropriate keystrokes are on the right.

Suppose, for example, the manual states that the decimal code string 09464878 initializes the card. On an Apple II ASCII chart, 09 is [CTRL-I], 46 is the eight key, 48 is the zero key, and 78 is capital N; altogether, that's [CTRL-I]80N. To put this into AppleWorks you would:

1. Choose "5. Interface Card"
2. Hold down the CTRL key and type I,
3. Type 80
4. Hold down the SHIFT key and type N
5. Hold down the SHIFT key and type 6; this ends the string with the carat or '^' AppleWorks requires.