How to install hardware without loading new drivers or using *.inf files

Plug hardware into PCMCIA slot using CFII adapter



(Note: Substituted 'DigiSwipe' for 'CompactSwipe' in above screen shot)

Hardware Wizard launches, hit next

Found New Hardware Wizard	
	Welcome to the Found New Hardware Wizard This wizard helps you install a device driver for a hardware device.
and the second	To continue, click Next.
	< <u>B</u> ack <u>Next</u> > Cancel

Select Display a list of known drivers

Found New H	ardware Wizard
Install Ha A dev an op	ardware Device Drivers rice driver is a software program that enables a hardware device to work with erating system.
This w	vizard will complete the installation for this device:
7	TokenWorks_Inc. CompactSwipe_Magnetic_Card_Reader
A devi needs installa	ice driver is a software program that makes a hardware device work. Windows driver files for your new device. To locate driver files and complete the ation click Next.
What	do you want the wizard to do?
C	Search for a suitable driver for my device (recommended)
G	Display a list of the known drivers for this device so that I can choose a specific driver
	< <u>B</u> ack <u>N</u> ext > Cancel

Pick Ports

lardware Type	-112	5
what type of hardware do you want to insta		
Select a hardware type, and then click Nex	t.	
Hardware types:		
🛃 NT Apm/Legacy Support		
🚽 💡 Other devices		
PCMCIA adapters		
Ports (COM & LPT)		
I Printers		
SBP2 IEEE 1394 Devices		
SCSI and RAID controllers		
Sound, video and game controllers		
System devices		•
		1000 C

Select Communication Port

Select the manufacture	r and model of your hardware device and then click Next. If you ns the driver you want to install, click Have Disk.
anufacturers:	Mo <u>d</u> els:
Standard port types) Compaq GSM Radio Card Ericsson GC25 SIIG Frans Digital Corporation	Communications Port ECP Printer Port Multiport Communications Port Printer Port
	<u>H</u> ave Disk

Windows will warn about potential compatibility issues, hit Yes

Update D	Driver Warning
⚠	Installing this device driver is not recommended because Windows cannot verify that it is compatible with your hardware. If the driver is not compatible, your hardware will not work correctly and your computer might become unstable or stop working completely. Do you want to continue installing this driver?
2.	<u>Y</u> es

The driver will be installed using standard serial port drivers with default settings of 9600 baud, 8 data, 1 stop and No parity bits. The com port number will be automatically selected as well. All these settings can be changed via the hardware device driver settings in the device manager section. See below.

Found New Hardwa	re Wizard	
Start Device Dr The device dr	iver Installation iver will be installed with the default settings	
The wizard is r	ready to install the driver for the following ha	ardware device:
	munications Port	
Windows will install the soft	use default settings to install the software fo ware for your new hardware, click Next.	r this hardware device. To
	Z Daale	[
	< <u>B</u> ack	Next > Cancel

Should here a beep and then this message is displayed.



To alter the device settings, access the Device manager in the Systems Properties section

eneral N	letwork Identification Hardware User Profiles Advanced
Hardwa	re Wizard
	The Hardware wizard helps you install, uninstall, repair, unplug, eject, and configure your hardware.
	Hardware Wizard
Device	Manager
	The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.
	Driver Signing
- Hardwa	Driver Signing
-Hardwa	Driver Signing Profiles Hardware profiles provide a way for you to set up and store different hardware configurations.
- Hardwa	Driver <u>S</u> igning The Profiles Te Profiles Te Ardware profiles provide a way for you to set up and store different hardware configurations. Hardware Profiles
- Hardwa	Driver <u>Signing</u> re Profiles Hardware profiles provide a way for you to set up and store different hardware configurations. Hardware <u>Profiles</u>

Locate the new Com port



ommunio	cations Port (CO	M6) Properties		<u>? ×</u>
General	Port Settings D	river Resources		
Į	Communications	Port (COM6)		
	Device type:	Ports (COM & LPT	ŋ	
	Manufacturer:	(Standard port typ	ies)	
	Location:	CardBus Slot 0		
If you start	u are having proble the troubleshooter.	ms with this device, o	click Troubleshoo	oter to
			Troubleshoot	er
Device	usage:			
Use th	is device (enable)			
			ОК	Cancel

Select the Port settings tab to see the port values.

General	Port Settings Driver Res	ources	
	<u>B</u> its per sec	:ond: 9600	
	<u>D</u> ata	bits: 8	•
	E	arity: None	•
	<u>S</u> top	bits: 1	•
	<u>F</u> low co	ntrol: None	•
-		Advanced	<u>R</u> estore Defaults

The reader defaults to the above settings which is what the serial port also defaults to.

Hit Advanced to see or change the port number

1. Dec in o panels freq		compatible oni					OK
Select lower settings to	o correct co	nnection probler	ns.				Cance
Select higher settings I	for faster pe	rformance.					<u>D</u> efaul
Receive Buffer: Low (1)	1	9	r.	— į	High (14)	(14)	
<u>T</u> ransmit Buffer: Low (1)	-	-	i)	—7	High (16)	(16)	

Hit the Driver Details to see which drivers the DigiSwipe is using.

	alls	? ×
Com	nunications Port (COM6)	
Driver files:		
C:\WINNT\sy	vstem32\DRIVERS\serenum.sys	
C:\WINNT\sj	vstem32\DRIVERS\serial.sys	
D 11	u	
Provider:	Microsoft Corporation	
Provider: File version:	Microsoft Corporation 5.00.2195.6655	
Provider: File version:	Microsoft Corporation 5.00.2195.6655	
Provider: File version: Copyright:	Microsoft Corporation 5.00.2195.6655 Copyright (C) Microsoft Corp. 1981-1999	
Provider: File version: Copyright:	Microsoft Corporation 5.00.2195.6655 Copyright (C) Microsoft Corp. 1981-1999	
Provider: File version: Copyright:	Microsoft Corporation 5.00.2195.6655 Copyright (C) Microsoft Corp. 1981-1999	
Provider: File version: Copyright:	Microsoft Corporation 5.00.2195.6655 Copyright (C) Microsoft Corp. 1981-1999	
Provider: File version: Copyright:	Microsoft Corporation 5.00.2195.6655 Copyright (C) Microsoft Corp. 1981-1999	OK 1

DigiSwipe uses the built in serial.sys drivers because it IS a new serial UART in the system.