

ASE2000 PCMCIA I/O Driver Installation For Windows 2000 / XP December 2004

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This document describes the procedure for installing the ASE2000 PCMCIA I/O driver for Windows 2000 / XP. Although Windows 2000 and XP use the same I/O driver, the install procedure is slightly different for the two operating systems. The screen shots presented below reflect installation on a Windows XP system but can be used as a guide or Windows 2000 systems as well.

I/O Driver Files

The I/O driver files are supplied on the ASE2000 Program Distribution CD and a 3 ¹/₂" floppy for new test set purchases and can also be downloaded from the ASE Web site at:

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http://www.ase-systems.com/downloads/win2kpcmciadrv.zip
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The following screen shot shows the complete set of I/O driver files.

The files *<asebcomp.inf* and *ASEBCOMP.sys* are the driver files for the multi-port controller portion of the PCMCIA card and *AseBCOM.inf* and *AseBCOM.sys* are the driver files for the PCMCIA Ports.



The following screen shot illustrates a view of the Device Manager screen with the ASE PCMCIA I/O card properly installed. Note that under Windows 2000 / XP, there is an entry under *Multi-port serial adaptors* and *Ports (COM & LPT)* for the ASE PCMCIA card. Under Windows 95/98/ME, there are entries only under *Ports (COM & LPT)*. The device type *Multi-port serial adaptors* is new for Windows 2000 / XP.

B Device Manager	
<u>File Action View H</u> elp	
Image: Strategy of the strategy	

During the actual I/O driver installation process, Windows will cycle through the install steps 3 times; once for each device:

- ASE BCOM PCMCIA Multi-Port Serial
- ASE BCOM PCMCIA Port 1
- ASE BCOM PCMCIA Port 2

DO NOT EXIT THE DRIVER INSTALL PROCESS UNTIL WINDOWS HAS COMPLETED THE INSTALLATION FOR ALL 3 ITEMS. PREMATURE EXIT OF THE INSTALL MAY REQUIRE PERFORMING A MANUAL RECOVERY PROCEDURE BEFORE A PROPER INSTALLATION CAN BE PERFORMED.



The following screen will appear when the PCMCIA card is first inserted in the computer. The first install cycle will be for the ASE BCOM Multi-Port Serial. Select "Install from a list or specific location" and press Next >.



Next, set the scope of the search for the correct driver to the specific device and folder where the driver files are located, preferable the floppy disk, and press **Next** >.

Found New Hardware Wizard
Please choose your search and installation options.
● Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM)
Include this location in the search
A:\ Browse
O Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< <u>B</u> ack Next > Cancel



At this point, Windows will display a warning that the driver has not passed "Windows Logo testing". Press Continue Anyway.

Hardwa	re Installation
<u>.</u>	The software you are installing for this hardware: ASE BCOM PCMCIA Multi-Port Serial has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway

Windows XP will then set a system restore point before proceeding.

Found New	Hardware Wizard
Please wa	it while the wizard installs the software
×	ASE BCOM PCMCIA Multi-Port Serial
	Setting a system restore point and backing up old files in case your system needs to be restored in the future.
	< <u>B</u> ack <u>N</u> ext > Cancel



Windows will then copy the I/O driver files for the ASE BCOM Multi-Port Serial to the Windows DRIVERS folder. When the copy is complete, press Next >.

Found New H	lardware Wizard
Please wai	t while the wizard installs the software
M	ASE BCOM PCMCIA Multi-Port Serial
	AseBCOM.sys To C:\WINDOWS\System32\DRIVERS
	< <u>B</u> ack <u>N</u> ext > Cancel

This completes the install for the ASE BCOM Multi-Port Serial. Press **Finish** and Windows will proceed with installing ASE BCOM Serial Ports 1 and 2

Found New Hardware Wiz	ard	
	Completing the Found New Hardware Wizard	
	The wizard has finished installing the software for:	
	ASE BCOM PCMCIA Multi-Port Serial	
	Click Finish to close the wizard.	
	< <u>B</u> ack Finish Cancel	



Windows will then indicate that it has detected "New Hardware" which is for ASE BCOM PCMCIA Serial Port 1. Follow similar procedures as those described above for installing the "Multi-port Serial".



Found New Hardware Wizard
Please choose your search and installation options.
⊙Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM)
✓ Include this location in the search:
A:\ Biowse
O Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< <u>₿</u> ack <u>N</u> ext > Cancel





Found New Hardware Wizard	
Please wait while the wizard installs the soft	ware
ASE BCOM PCMCIA Port 1	
asebcomp.sys To C:\WINDOWS\System32\DRI ^t	/ERS
	K <u>B</u> ack <u>N</u> ext > Cancel



This completes the install for the ASE BCOM Serial Port 1. Press Finish and Windows will proceed with installing ASE BCOM Serial Port 2.

Found New Hardware Wizard	
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: ASE BCOM PCMCIA Port 1
	< Back Finish Cancel

Windows will indicate that it has detected "New Hardware" which is for ASE BCOM PCMCIA Serial Port 2. Follow similar procedures as those described above for installing the "Multi-port Serial and Serial Port 1".

Found New Hardware Wizard		
	Welcome to the Found New Hardware Wizard	
	This wizard helps you install software for:	
	ASE BCOM PCMCIA Port 2	
2 mart	If your hardware came with an installation CD or floppy disk, insert it now.	
	What do you want the wizard to do?	
	 Install the software automatically (Recommended) Install from a list or specific location (Advanced) 	
	Click Next to continue.	
	< <u>B</u> ack <u>N</u> ext> Cancel	



Please cho	ose your search and in	stallation options.		
Osearce	h for the best driver in thes	e locations.		
Use tł paths	e check boxes below to lin and removable media. The	nit or expand the defau best driver found will b	lt search, which includ e installed.	les local
	Search removable <u>m</u> edia (I	loppy, CD-ROM)		
	Include this location in the	search:		
	A:\		Browse	,
◯ <u>D</u> on't	search. I will choose the dr	iver to install.		
Choos the dri	e this option to select the c ver you choose will be the	levice driver from a list. best match for your har	Windows does not gi dware.	uarantee that
		-		
		< Back	Nevt	Cancel

Hardwa	re Installation
1	The software you are installing for this hardware: ASE BCOM PCMCIA Port 2 has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation





This completes the install for the ASE BCOM Serial Port 2 which is the final step in the complete driver installation process. Press **Finish** and Windows will indicate that the newly installed hardware is ready for use.

Found New Hardware Wizard	
Found New Hardware Wiz	Completing the Found New Hardware Wizard The wizard has finished installing the software for: SE BCOM PCMCIA Port 2
	Click Finish to close the wizard.
	< Back Finish Cancel