

Xycom Automation Workstation Software Installation Instructions For Microsoft® Windows® XP

<i>Revision</i>	<i>Description</i>	<i>Date</i>
A	Manual Released	2/04
B	Loading additional drivers with SCSI or SATA hard Drives added	8/06
C	Additional installation instructions added.	10/06

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Scope

This document is devoted to the reinstallation of your Microsoft® Windows® XP operating system and drivers utilizing the Media provided with your Xycom Automation industrial computer.

NOTE: This procedure assumes that the computer hard disk drive has been completely corrupted or replaced. This procedure will destroy data that may exist on the hard disk drive.

NOTE: If you encounter problems setting up Windows® XP, see the Readme.html file in the root directory of the Windows® XP installation disk.

Hardware Requirements

- **Xycom Automation Industrial Workstation PC**
- **CD-ROM Drive:** Systems that do not include an internal CD-ROM drive need an external CD-ROM drive that is compatible with the system parallel port.

NOTE: A 9000-XBAY with a CD-ROM drive can be used on computers ordered with this option. The 9000-XBAY is only available on the 1506, 1507, 3600 Series, and 3700 Series computers.

Software Requirements

- *Microsoft® Windows® XP* installation disk CD-ROM, shipped with your PC.
- *Microsoft® Windows® XP Product Identification number (PID)* for your system. The PID for your system can be found on the Microsoft® sticker attached to the rear chassis of your Xycom Automation Industrial Computer. You will see the PID number in the following format:
“XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX” where X is an alphanumeric character.
- *Documentation and Support Library CD*, also shipped with your PC.

Installation Instructions

NOTE: The following instructions apply to units shipped by Xycom with *Windows® XP* installed as the only operation system. These instructions may not apply if you've made changes in the formatting of the hard drive or added additional operating systems to the unit.

1. Verify that your PC's BIOS is configured to boot from CD-ROM before hard drive. All Xycom units are shipped with this setting.
2. Power-up the system, insert the *Microsoft® Windows® XP* installation disk CD-ROM into the CD-ROM drive, and restart the system either by hitting CTRL-ALT-DEL or by cycling power.
3. On some systems you will be prompted to “Press any key to boot from the CD-ROM.” You will have several seconds to respond. If you don't, the system will attempt to boot from the hard drive.
4. If the Doc. CD has an Install.txt or Readme.txt file associated with your unit model, then refer to it for additional details about reloading the recovery media. For example, your unit model may have a driver that needs to be loaded during the re-install process to support your hard drive.
5. During the installation process, when the “Press F6” prompt appears (to allow you to load additional drivers), you must press the F6 key if you have a unit with a hard drive interface that requires third party driver installation. SCSI, SATA and RAID drives are examples of drive types that may require this. There is no harm done if you press the F6 key, then decide that you don't need to load any third party drivers. If you fail to load a the third party driver on systems that require one for the hard drive, then the hard drive will not be found by the OS when the hard drive partitioning and formatting phase of the install attempts to start and you will have to start the recovery process over again.

6. You will be asked several questions during the installation process:
 - You will be asked to accept the license agreement.
 - If the setup program finds the *Windows® XP* operating system already installed, it will ask you whether you want to repair that copy, or install a new copy. You should choose to install a new copy.
 - Setup checks your hard drive for partitions. You should choose partition “C:”.
 - Setup then checks the formatting of your hard drive. You should accept the recommended (highlighted) choice.
7. The setup program then spends several minutes copying files. It restarts the computer and continues the installation with a graphical interface. During this part of the install process, several dialog boxes pop up:
 - You will be asked to enter the regional and language settings.
 - You will be asked to enter your name and organization.
 - You will be asked to enter your product code (find this on the Microsoft sticker on the unit’s chassis).
 - You will be asked to enter a name for the computer, a password for the administrator account, and the current date and time.
 - During the network installation portion of setup, you will be asked to choose between “typical” and “custom” installation (most users should choose “typical”) and to identify either a Domain or a Workgroup for the computer.
 - You will be asked whether you want the setup program to attempt to find the optimum settings for the display. Answer yes and, if you see a dialog box pop up on the display, confirm that the display settings are good.
8. Microsoft requires users to “activate” Windows® XP within 30 days of installation. *Windows® XP* has to be activated each time it is installed. If the computer you are installing *Windows® XP* onto is connected to the Internet, you should perform the activation when prompted to during the installation. If the computer does not have access to the internet, you will have to follow these steps:
 1. Click **Start**, point to **All Programs**, point to **Accessories**, point to **System Tools**, and then click **Activate Windows**.
-or-
Click the **Windows Activation** icon in the status area of the taskbar.
 2. Click **Yes, I want to telephone a customer service representative to active Windows now**.
 3. Click **Read the Windows Product Activation Privacy Statement**, click **Back**, and then click **Next**.
 4. Follow the steps that are displayed in the **Activate Windows by phone** dialog box, and then click **Next**. Please note: the number will be displayed at this point and will differ based on the location you select.
 5. When activation is complete and you receive the following message, click **OK**. “You have successfully activated your copy of Windows.”

Device Driver Installation

9. Insert the “*Documentation and Support Library*” CD that was shipped with your system. Navigate to the driver directory for items such as a mouse, touch screen, keypad, Ethernet, and/or CD-ROM. In that directory, find the folder that matches your system’s motherboard (i.e., AHIP370, AIM3, etc) for instructions on the order to load the drivers.

NOTE: The correct device drivers are shipped with your Xycom Automation computer on CD-ROM. They can also be downloaded from Xycom Automation at www.xycom.com.

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