COMPAQ
White Paper

Configuring Compaq *Evo* Computers for Microsoft Windows 95

Abstract: *This guide describes the procedures and files required to configure Compaq Evo™ computer systems to function with the Microsoft™ Windows™ 95 Operating System.*

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Notice

Introduction

Compaq does not officially support Microsoft Windows 95 Operating System (Windows 95) in Compaq *Evo* products; however, Compaq recognizes that some customers have custom or proprietary software images based upon Windows 95. As a result, Compaq provides this document to assist customers who wish to purchase *Evo* systems and continue to deploy their Windows 95-based software.

This paper describes the procedures and files required to allow *Evo* computer systems to function with Windows 95. To acquire Windows 95 support, you will need to download one "patch" from the Microsoft website and a number of Softpaqs from the Compaq support websites provided in this document.

Windows 95 "Patch"

At the time Windows 95 was released, processor speeds were much slower than they are today. Windows 95 has some "speed sensitive" code in the operating system that causes lockups with faster processors, which was first noted with the AMD K6 processor. The software patch identified as the "AMD K6 Patch" allows Windows 95 to function correctly on systems with faster processors, including those found on *Evo* platforms.

Note: This Windows 95 patch is not AMD processor specific. It merely reflects the name of the first processor with which Microsoft noted the issue. For specific information about this patch, refer to Microsoft Knowledge Base Article Q192841 available at: http://support.microsoft.com/support/kb/articles/Q192/8/41.ASP?LN=EN-US&SD=gn&FR=0&qry=Q192841&rnk=1&src=DHCS_MSPSS_gn_SRCH&SPR=W95

Compaq discovered that the procedures outlined in the Knowledge Base article could not be followed on some platforms, including *Evo*, because the affected platform could not start Windows 95 in safe mode. Therefore, the Windows 95 patch could not be run.

For such cases, use this alternate procedure:

1. Download AMDK6upd.exe from Microsoft to a bootable floppy disk. The .exe file can be found at:

   http://www.microsoft.com/windows95/downloads/contents/WURecommended/S_WUServicePacks/AMDPatch/Default.asp

2. Extract the files from AMDK6upd.exe to the floppy by executing **AMDK6upd.exe /T:a:\ /C**.

   Document the switches by entering **AMDK6upd.exe /?.**

3. Start the Windows 95 installation following the normal procedures.

4. When the error occurs (which should be on first actual boot into Windows 95) or the machine simply does not start Windows 95, boot the machine using the bootable floppy created in Step 1.

5. Manually copy the updated driver files on the diskette to their proper locations. A batch file can be created to perform this task if it will be repeated numerous times. Copy each of the following files into these locations:

scsiport.pdr—Copy to C:\Windows\System\IOSubsys.
disktsd.vxd—Copy to C:\Windows\System\IOSubsys.
esdi_506.pdr—Copy to C:\Windows\System\IOSubsys.
hsflop.pdr—Copy to C:\Windows\System\IOSubsys.
cdfs.vxd—Copy to C:\Windows\System\IOSubsys.
vfbackup.vxd—Copy to C:\Windows\System\VMM32.
ios.vxd—Copy to C:\Windows\System\VMM32.
int13.vxd—Copy to C:\Windows\System\VMM32.

If the version of Windows 95 is OSR2.1 or OSR2.5:
ntkern.vxd—Copy to C:\Windows\System\VMM32.

Note: These paths assume that Windows 95 is being installed to C:\Windows. If a custom path was chosen for the Windows 95 installation, you will need to change the paths above to reflect the appropriate subdirectory.

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6. Remove the floppy and reboot system. If prompted, select **Normal Startup** of Windows 95.

7. Complete the Windows 95 installation procedure.

8. To properly register the update within the Windows 95 registry, you will need to run the AMDK6upd.exe [without any command switches] from within Windows 95.

Windows 95 Drivers

To run the *Evo* systems with Windows 95, download and install the following drivers available at:
http://www.compaq.com/support/files/index.html
http://www.compaq.com/support/files/allsp.html
http://www.compaq.com/support/files/desktops/us/download/10795.html
http://www.compaq.com/support/files/desktops/us/download/10828.html

- Intel NIC driver—for all *Evo* Systems: SP18756

- ADI Audio driver—for all *Evo* Systems: SP18530

- Chipset INF driver—for all *Evo* Systems: SP18071

- NVidia Graphics driver—for *Evo* systems using Intel Pentium 4 processors and NVidia Graphics: SP18540

- Intel Video Graphics driver—for *Evo* systems using Celeron processors: SP16519

- 3Com NIC driver—for all *Evo* Systems [with a 3Com NIC installed]: SP18954