

Software Video Release Note

This release note describes a software video expansion feature now incorporated into all 166MHz, 266MHz, 566MHz, and 1GHz, PS/PX/PC PowerStations. This feature allows you to select, through a CMOS setting, the ability to expand the video image to the native screen resolution.

For example, with this feature enabled, a system that is running Windows NT with a screen resolution set to 800 x 600 (SVGA) would be displayed on a 15" PowerStation at 1024 x 768 (XGA) or be displayed on the 18" PowerStation at 1280 x 1024 (SXGA). This expansion would fill the entire display viewing area.

Note This feature will not work correctly if the hardware video ZOOM board is installed in your unit. You must remove this board in order for this feature to work.

To enable the video expansion feature on your PowerStation, follow the steps below:

1. Turn on the PowerStation.
2. Press **F2** when the splash screen appears to access the **BIOS Setup Utility**.

The **BIOS Setup Utility** main menu appears as shown below.

PhoenixBIOS Setup Utility				
Main	Advanced	Security	Power	Exit
System Time				[16:19:20]
System Date:				[03/02/1994]
Legacy Diskette A:				[1.44/1.25 MB 3½"]
Legacy Diskette B				[Not Installed]
▶ Primary Master				6449 MB
▶ Primary Slave				None
▶ Secondary Master				CD-ROM
▶ Secondary Slave				None
Memory Cache				[Enabled]
▶ Keyboard Features				
System Memory				640 kB
Extended Memory				31744 kB
Scroll down to see the following two options				
Boot-time Diagnostic Screen				[Disabled]
▶ Boot Options				
F1 Help	↓ Select Item	-/+ Change Values		F9 Setup Defaults
ESC Exit	↔ Select Menu	Enter Select	▶ Sub-Menu	F10 Save and Exit

3. Use the arrow keys to select the **Advanced** Menu.

The **Advanced** menu appears as shown below.

PhoenixBIOS Setup Utility				
Main	Advanced	Security	Power	Exit
Warning!			Item Specific Help	
Setting items on this menu to incorrect values may cause your system to malfunction.			Configure the LCD display properties.	
CPU Type	Pentium with MMX			
CPU Speed	266 MHz			
Cache RAM	512 KB			
▶ LCD Configuration				
Installed Operating System	[Other]			
Reset Configuration Data:	[No]			
PS/2 Mouse	[Enabled]			
DRAM Speed:	[60ns]			
Large Disk Access Mode:	[DOS]			
Local Bus IDE adapter:	[Both]			
SMART Device Monitoring:	[Enabled]			
Scroll down to see the following two options				
▶ PCI Configuration				
▶ I/O Device Configuration				
F1 Help	↓ Select Item	-/+ Change Values	F9 Setup Defaults	
ESC Exit	↔ Select Menu	Enter Select ▶ Sub-Menu	F10 Save and Exit	

4. Select the **LCD Configuration** option.

The **LCD Configuration** menu displays as shown below.

PhoenixBIOS Setup Utility				
Main	Advanced	Security	Power	Exit
LCD Configuration			Item Specific Help	
BRIGHTNESS			Set the LCD brightness to the maximum value.	
Maximum:	[Enter]			
Increase:	[Enter]			
Decrease:	[Enter]			
Minimum:	[Enter]			
CONTRAST				
Maximum:	[Enter]			
Increase:	[Enter]			
Decrease:	[Enter]			
Minimum:	[Enter]			
Panel Expansion:	[Enabled]			
F1 Help	↓ Select Item	-/+ Change Values	F9 Setup Defaults	
ESC Exit	↔ Select Menu	Enter Select ▶ Sub-Menu	F10 Save and Exit	

5. Scroll down and select the **Panel Expansion** option. Setting this selection to **Enabled** will activate video expansion. Setting this selection to **Disabled** will deactivate any video expansion capabilities in the unit.
6. Press **F10** and then “**Y**” to save the setting.
7. Reboot the PowerStation.

Any resolution in Windows or DOS (640 x 480) that is smaller than the native resolution of the PowerStation display will automatically fill the active visible area.

