

5. Type ESC after configuring USB to come back to the shell menus
6. Enter into Exit Menu and choose "Exit Saving Changes"
7. At next boot, enter Boot Manager by typing ESC key and choose Internal EFI.

```
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
^ Boot Manager ^
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
```

Boot Option Menu

```
On-board Flash Disk - 4.0 GB
IBA GE Slot 0200 v1242
IBA GE Slot 0201 v1242
Internal EFI Shell
```

and to change option, ENTER to select an option

8. When the EFI shell is displayed, choose the USB key mapping file by typing: **fs0:**

```
EFI Shell version 1.10 [4096.1]
Current running mode 1.1.2
Device mapping table
fs0 :Removeable HardDisk - Alias hd16b0b blk0
Acpi(PNP0A03,0)/Pci(1D|1)/Usb(1, 0)/HD(Part1,SigC3072E18)
blk0 :Removeable HardDisk - Alias hd16b0b fs0
Acpi(PNP0A03,0)/Pci(1D|1)/Usb(1, 0)/HD(Part1,SigC3072E18)
blk1 :BlockDevice - Alias (null)
Acpi(PNP0A03,0)/Pci(1F|1)/Ata(Secondary,Master)
blk2 :Removeable BlockDevice - Alias (null)
Acpi(PNP0A03,0)/Pci(1D|1)/Usb(1, 0)
```

Shell>

9. Launch a new shell full with extended commands by typing: **shell_full_ia32.efi**

```
fs0:\> ls
Directory of: fs0:\

11/17/06 08:39a 1,191,936 shell_full_ia32.efi
11/16/06 10:10a 20,480 start_pbit.efi
02/29/08 05:58p 20,769,483 wireshark-setup-0.99.7.exe
03/03/08 10:33a <DIR> 16,384 Thales Netherland
3 File(s) 21,981,899 bytes
1 Dir(s)
```

```
fs0:\> shell_full_ia32.efi
EFI Shell version 1.10 [4096.1]
Current running mode 1.1.2
Device mapping table
fs0 :Removeable HardDisk - Alias hd16b0b blk0
Acpi(PNP0A03,0)/Pci(1D|1)/Usb(1, 0)/HD(Part1,SigC3072E18)
blk0 :Removeable HardDisk - Alias hd16b0b fs0
Acpi(PNP0A03,0)/Pci(1D|1)/Usb(1, 0)/HD(Part1,SigC3072E18)
blk1 :UnknownDevice - Alias (null)
Acpi(PNP0A03,0)/Pci(1F|1)/Ata(Secondary,Master)
blk2 :Removeable UnknownDevice - Alias (null)
Acpi(PNP0A03,0)/Pci(1D|1)/Usb(1, 0)
```

Press ESC in 3 seconds to skip startup.nsh, any other key to continue.
Shell>

10. A new shell is executed, then execute the PCI Scan By typing : *Pci*

result:

```
Shell> pci
Seg Bus Dev Func
-----
00 00 00 00 ==> Bridge Device - Host/PCI bridge
Vendor 8086 Device 3590 Prog Interface 0
00 00 02 00 ==> Bridge Device - PCI/PCI bridge
Vendor 8086 Device 3595 Prog Interface 0
00 00 03 00 ==> Bridge Device - PCI/PCI bridge
Vendor 8086 Device 3596 Prog Interface 0
00 00 04 00 ==> Bridge Device - PCI/PCI bridge
Vendor 8086 Device 3597 Prog Interface 0
00 00 05 00 ==> Bridge Device - PCI/PCI bridge
Vendor 8086 Device 3598 Prog Interface 0
00 00 06 00 ==> Bridge Device - PCI/PCI bridge
Vendor 8086 Device 3599 Prog Interface 0
00 00 08 00 ==> Base System Peripherals - Other system peripheral
Vendor 8086 Device 359B Prog Interface 0
00 00 1C 00 ==> Bridge Device - PCI/PCI bridge
Vendor 8086 Device 25AE Prog Interface 0
00 00 1D 00 ==> Serial Bus Controllers - USB
Vendor 8086 Device 25A9 Prog Interface 0
00 00 1D 01 ==> Serial Bus Controllers - USB
Vendor 8086 Device 25AA Prog Interface 0
00 00 1D 04 ==> Base System Peripherals - Other system peripheral
Vendor 8086 Device 25AB Prog Interface 0
00 00 1D 05 ==> Base System Peripherals - PIC
Vendor 8086 Device 25AC Prog Interface 20
00 00 1D 07 ==> Serial Bus Controllers - USB
Vendor 8086 Device 25AD Prog Interface 20
00 00 1E 00 ==> Bridge Device - PCI/PCI bridge
Vendor 8086 Device 244E Prog Interface 0
00 00 1F 00 ==> Bridge Device - PCI/ISA bridge
Vendor 8086 Device 25A1 Prog Interface 0
00 00 1F 01 ==> Mass Storage Controller - IDE controller
Vendor 8086 Device 25A2 Prog Interface 8A
00 00 1F 02 ==> Mass Storage Controller - IDE controller
Vendor 8086 Device 25A3 Prog Interface 8F
00 00 1F 03 ==> Serial Bus Controllers - System Management Bus
Vendor 8086 Device 25A4 Prog Interface 0
00 01 00 00 ==> Bridge Device - PCI/PCI bridge
Vendor 1033 Device 0125 Prog Interface 0
00 01 00 01 ==> Bridge Device - PCI/PCI bridge
Vendor 1033 Device 0125 Prog Interface 0
00 04 00 00 ==> Network Controller - Ethernet controller
Vendor 8086 Device 105E Prog Interface 0
00 04 00 01 ==> Network Controller - Ethernet controller
Vendor 8086 Device 105E Prog Interface 0
00 09 04 00 ==> Data Acquisition & Signal Processing Controllers - DP
Vendor 184A Device 1100 Prog Interface 0
00 09 05 00 ==> Bridge Device - Other bridge type
Vendor 10E3 Device 0000 Prog Interface 0
Shell>
```

The V2PMC2 Bridge PCI/PCIExpress is detected by the Pentxm2, the flowing print is present in the dump of *âpciâ* command :

```
00 01 00 00 ==> Bridge Device - PCI/PCI bridge
Vendor 1033 Device 0125 Prog Interface 0
00 01 00 01 ==> Bridge Device - PCI/PCI bridge
Vendor 1033 Device 0125 Prog Interface 0
```

KOM Technical Info



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