

Re: Can't run WINCE from a flash drive on my AMD M/B

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.embedded/2008-03/msg00185.html>

- *From:* Guy <Guy@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 23 Mar 2008 07:10:01 -0700
-

Tnx Paul,
Could you please tell me how can i solve this problem?

"Paul G. Tobey [eMVP]" wrote:

It's, as you might expect from reading the messages, waiting for a bootable filesystem to be mounted. You've selected hive-based registry? You've set things up for the hive to be on your flash drive? If so, I'd guess that you didn't put the storage manager entries for your flash drive in `HIVE BOOT SECTION/END HIVE BOOT SECTION` in your registry, so there's no instructions for the Storage Manager to load the flash drive driver, so there's never a bootable filesystem, so it won't boot. It could also be that you've set the boot options so that Storage Manager itself isn't getting started.

Paul T.

"Guy" <Guy@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:CA7BB4AE-23D3-4E79-B148-D20690FF61ED@xxxxxxxxxxxxxxxxxxxx>

Hi,
I'm trying to run WinCE 6 on a flash drive but without any success,
The progress bar loads to 100% and then i get a black screen,
When i connected the M/B to the hyper-terminal i got the following output:
Could you please advise?

Tnx.
INFO:OALLogSetZones: dpCurSettings.ulZoneMask: 0xb

PCIBIOS:: BIOS Address static map to addr=a00e0000

GetPicRoutingIrqTable: Start
search_pci_bios start

CE Ethernet Bootloader found 32Bit BIOS Entry master_bios32=a00fa4c0
bios32_call

_offset=1a930 for CE/PC

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Return from First BIOS EAX=49435000
EBX=f0000,ECX=dfb4 E

DX=a960
32 PCI BIOS offset located.addr=1a960

32 PCI BIOS Present
EDX=20494350,EAX

=11 EBX=f0210,EC
+GetRoutingOption
search_pci_routing
search_pci_routing Entry Checksum Error @a00fdf40search_pci_routing end
fails

GetRoutingOption with buffer Size 512 bytes buffer DS80220040:addr
=8289d7ea

GetRoutingOption return SUCCESS .AH=0
ScanConfiguredIrq with PCI Exclusive Irq Bit (wExClusive) =c20

ScanConfigureIrq: BufferSize = 80 @ address 8289d7ea

ScanConfigureIrq: for Bus=0 ,Device=8 SlotNumber=1

INTA_LinkValue=3,INTA_IrqBitMap=cb8

INTB_LinkValue=4,INTB_IrqBitMap=cb8

INTC_LinkValue=1,INTC_IrqBitMap=cb8

INTD_LinkValue=2,INTD_IrqBitMap=cb8

ScanConfigureIrq: for Bus=0 ,Device=6 SlotNumber=2

INTA_LinkValue=1,INTA_IrqBitMap=cb8

INTB_LinkValue=2,INTB_IrqBitMap=cb8

INTC_LinkValue=3,INTC_IrqBitMap=cb8

INTD_LinkValue=4,INTD_IrqBitMap=cb8

addIrqLink: LinkNumber=1,bus=0,device=6 associated with irq=11

ScanConfigureIrq: for Bus=0 ,Device=9 SlotNumber=3

INTA_LinkValue=4,INTA_IrqBitMap=cb8

INTB_LinkValue=1,INTB_IrqBitMap=cb8

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INTC_LinkValue=2,INT

INTD_LinkValue=3,INTD_IrqBitMap=cb8

addIrqLink: LinkNumber=4,bus=0,device=9 associated with irq=10

ScanConfigureIrq: for Bus=0 ,Device=15 SlotNumber=0

INTA_LinkValue=1,INTA_IrqBitMap=cb8

INTB_LinkValue=2,INTB_IrqBitMap=cb8

INTC_LinkValue=3,INTC_IrqBitMap=cb8

INTD_LinkValue=4,INTD_IrqBitMap=cb8

ScanConfigureIrq: for Bus=0 ,Device=1 SlotNumber=0

INTA_LinkValue=1,INTA_IrqBitMap=cb8

INTB_LinkValue=2,INTB_IrqBitMap=cb8

INTC_LinkValue=3,INTC_IrqBitMap=cb8

INTD_LinkValue=4,IN

addIrqLink: LinkNumber=1,bus=0,device=1 associated with irq=11

CEPC Firmware Init

RTC – Status Reg B – 0x02

g_dwCPUFeatures = 0088a93d

Looking for rom chain

Rom chain NOT found

Firmware Init Done.

Setting up softlog at 0x83ffc000 for 0x800 entries

Booting Windows CE version 6.00 for (x86)

&pTOC = 828a5f10, pTOC = 82897858, pTOC->ulRamFree = 828ae000,

MemForPT =

000030

00

Old or invalid version stamp in kernel structures – starting clean!

Configuring: Primary pages: 5959, Secondary pages: 0, Filesystem pages =

2979

Booting kernel with clean memory configuration:

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Memory Sections:

[0] : start: 828b2000, extension: 00003000, length: 01747000

X86Init done, OEMAddressTable = 80226b00, RAM mapped = 04000000.

Windows CE KernelInit

Reserve VM for kernel XIP DLIs, first = c0010000, last = c0df0000

g_pprcNK == 0x828a3c80

Updated eptr->e32_vsize to = 00013000

Initializing Memory Mapped File Support

Scheduling the first thread.

LoaderInit: Initialing loader

Updated eptr->e32_vsize to = 00013000

Updated eptr->e32_vsize to = 00074000

Heap Statistics at 0xC00D37A0

Did not find emulation code for x86... using floating point hardware.

PGPOOL: Reserved 768 pages for Loader pool

PGPOOL: Reserved 256 pages for File pool

Message Queue support initialized, g_hMsgQHeap = d0040750

FSDMGR!DllMain: DLL_PROCESS_ATTACH

CertMod.dll not found, using old OEM

Trust

Mod

e1

FileSystem Starting – starting with clean file system

FSDMGR!STOREMGR_Initialize

FSDMGR!InitializeStoreAPI

FSDMGR!MountTable_t::RegisterVolumeName: Registered "StoreMgr" at index

2FSDMGR!

MountTable_t::RegisterVolume: Registered volume at index 2

(Name="StoreMgr",

Mou

ntFlags=0x1)FSDMGR!InitializeROMFileSystem: File System=ROM

FSDMGR!MountTable_t::RegisterVolumeName: Registered "ROM" at index

3FSDMGR!Mount

Table_t::RegisterVolume: Registered volume at index 3 (Name="ROM",
MountFlags=0x

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71)FSVOL: Opening existing volume
FSVOL: Volume heap already initialized
FSREG: Mounted ROM portion of boo
FSVOL: Creating clean virtual volume
FSVOL: Initializing volume heap
FSREG: Mounted RAM portion of boot registry

Override Serial Driver: No COM port selected for serial KITL transport, no
overr

ide necessary.
FS: Creating signal event SYSTEM/DevMgrApiSetReady

FS: Creating signal event SYSTEM/PowerManagerReady

FS: Creating signal event SYSTEM/GweApiSetReady

FS: Creating signal event SYSTEM/BatteryAPIsReady

FS: Creating signal event SYSTEM/NLedAPIsReady

FSREG: Unable to read value "Start DevMgr" under HKEY_LOCAL_M

s
FILESYS: Starting boot phase 0.
FSDMGR!STOREMGR_StartBootPhase BootPhase=0 (PrevBootPhase=-1)

FSDMGR: File security disabled.
FSDMGR!AutoLoadFileSystems: CurrentBootPhase=0, LoadFlags=1

FSDMGR!AutoLoadFileSystem:
CurrentBootPhase=0,FSDMGR!PNPThread: Using
PNPUnloadD

elay of 4096
FSDMGR!PNPThread: PNPThread starting!
RootKey=System\StorageManager\AutoLoad, FileSystem_t=ObjectStore

FILESYS: RAM File System FSD_MountDisk registering folder "Object
Store"

FSDMGR!MountTable_t::RegisterVolumeName: Registered "Objec

MGR!MountTable_t::RegisterVolume: Registered volume at index 4
(Name="",
MountFl

ags=0x44)FILESYS: Starting boot phase 1.

FSDMGR!STOREMGR_StartBootPhase BootPhase=1 (PrevBootPhase=0)

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FSDMGR!AutoLoadFileSystems: CurrentBootPhase=1, LoadFlags=1

FSDMGR!AutoLoadFileSystem: CurrentBootPhase=1,
RootKey=System\StorageManager\Aut

oLoad, FileSystem_t=sdnpid

FSDMGR!AutoLoadBlockDevice: Auto-loading block driver from
"Drivers\BuiltIn\PCI\

Instance\NAND_Flash"FSDMGR!MountStore: Attaching new storage
device

"sdnpid"FSD

MGR!MountStore: Failed mounting store "sdnpid"; error=126

FSDMGR!StoreDisk_t::~StoreDisk_t: deleting store
(D0046510)FSDMGR!AutoLoadFileSy

stems: Unable to auto-load

HKLM\System\StorageManager\AutoLoad\sdnpid;
error=12

6FILESYS: Starting device and waiting for boot file system.

*** DLL_PROCESS_ATTACH – Current Process: 0x42, ID: 0x400002 ***

Filesys: Loaded device.dll

FILESYS: +InitDeviceFileSystems

FSDMGR!MountTable_t::RegisterVolumeName: Registered "\$device" at
index

5FSDMGR!M

ountTable_t::RegisterVolume: Registered volume at index 5

(Name="\$device",

Mount

Flags=0x1)FSDMGR!MountTable_t::RegisterVolumeName: Registered

"\$bus" at

index 6F

SDMGR!MountTable_t::RegisterVolume: Registered volume at index 6

(Name="\$bus", M

ountFlags=0x1)–InitDeviceFileSystems: Waiting for device manager to

signal

BootP

hase1 completion.

status is 1

Ceddk!CalibrateStallCounter: Enter

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Ceddk!CalibrateStallCounter: Could not find stall counter

Ceddk!BeginCalibration: min(1194) max(1326)

Ceddk!BeginCalibration: El

Ceddk!BeginCalibration: Delay is 44

DEVICE!DevloadInit

DEVICE!InitDevices: Root Key is Drivers\BuiltIn.

DEVICE!RegReadActivationValues

RegQueryValueEx(Drivers\BuiltIn\Prefix)

returned

2

DEVICE!RegReadActivationValues

RegQueryValueEx(Drivers\BuiltIn\BusPrefix)

return

ed 2

DEVICE!RegReadActivationValues

RegQueryValueEx(Drivers\BuiltIn\PCI\Prefix)

retur

ned 2

DEVICE!RegReadActivationValues

RegQueryValueEx(Drivers\BuiltIn\PCI\BusPrefix) re

turned 2

Warning: No Match template is found for following PCI Device