

Re: nk.bin size and memory

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2004-05/0484.html>

From: QS (*qs_at_nowhere.com*)

Date: 05/13/04

Date: Thu, 13 May 2004 09:00:43 -0400

Thank you! My config.bib like this(a little bit long)

```
;  
; Copyright (c) Microsoft Corporation. All rights reserved.  
;  
;  
; Use of this source code is subject to the terms of the Microsoft end-user  
; license agreement (EULA) under which you licensed this SOFTWARE PRODUCT.  
; If you did not accept the terms of the EULA, you are not authorized to use  
; this source code. For a copy of the EULA, please see the LICENSE.RTF on  
your  
; install media.  
;  
MEMORY  
IF IMGMULTIXIP  
#define CHAIN_ADDRESS 80220000  
    CHAIN $(CHAIN_ADDRESS) 00001000 RESERVED  
    pdwXIPLoc 00000000 $(CHAIN_ADDRESS) FIXUPVAR  
  
    NK 80221000 009DF000 RAMIMAGE  
    REGION1 80C00000 00100000 RAMIMAGE  
    RAM 80D00000 03300000 RAM  
ELSE  
; 16 MB of RAM (note: AUTOSIZE will adjust boundary)  
IF IMGRAM16  
    NK 80220000 009E0000 RAMIMAGE  
    RAM 80C00000 00400000 RAM  
ENDIF  
  
; 28 MB of RAM (default) (note: AUTOSIZE will adjust boundary)  
; This value will cause the RAM auto-detect feature to trigger  
IF IMGRAM16 !  
IF IMGRAM32 !  
IF IMGRAM64 !  
    NK 80220000 009E0000 RAMIMAGE  
    RAM 80C00000 01000000 RAM  
ENDIF  
ENDIF
```

ENDIF

; 32 MB of RAM (note: AUTOSIZE will adjust boundary)

IF IMGRAM32

NK 80220000 009E0000 RAMIMAGE

RAM 80C00000 01400000 RAM

ENDIF

; 64 MB of RAM (note: AUTOSIZE will adjust boundary)

IF IMGRAM64

NK 80220000 009E0000 RAMIMAGE

RAM 80C00000 03400000 RAM

ENDIF

ENDIF

; Hard reset the system on a software reboot?

;

IF BSP_HARDRESET

pdwHardReset 00000000 1 FIXUPVAR

ELSE

pdwHardReset 00000000 0 FIXUPVAR

ENDIF

FRAMEBUF 88000000 81000000 RESERVED ; ddi_stpc.dll

VGA 800A0000 00020000 RESERVED

PCMCIABUF 800D0000 00010000 RESERVED

STMICRO 8018C000 00030000 RESERVED

NSCIRDA 801BC000 00020000 RESERVED

AUDIOBUF 801FC000 00002000 RESERVED

LOADRBUF 801FFF00 00000100 RESERVED

EDBG 80200000 00020000 RESERVED ; EDBG DMA buffer

CONFIG

AUTOSIZE=ON

IF IMGMULTIXIP

RAM_AUTOSIZE=ON

ROM_AUTOSIZE=ON

DLLADDR_AUTOSIZE=ON

XIPCHAIN=\$(CHAIN_ADDRESS)

AUTOSIZE_ROMGAP=10000

AUTOSIZE_DLLADDRGAP=0

AUTOSIZE_DLLDATAADDRGAP=0

AUTOSIZE_DLLCODEADDRGAP=0

ENDIF

; @CESYSGEN IF !NK_NKNOCOMP

COMPRESSION=ON

; @CESYSGEN ENDIF !NK_NKNOCOMP

```
; @CESYSGEN IF NK_NKNOCOMP
  COMPRESSION=OFF
; @CESYSGEN ENDIF NK_NKNOCOMP

IF IMGPROFILER
  PROFILE=ON
ELSE
  PROFILE=OFF
ENDIF

  KERNELFIXUPS=ON

;
; ROMFLAGS is a bitmask of options for the kernel
; ROMFLAGS 0x0001 Disallow Paging
; ROMFLAGS 0x0002 Not all KMode
; ROMFLAGS 0x0010 Trust Module only
;
IF IMGTRUSTROMONLY
; IF IMGNOTALLKMODE
; ROMFLAGS=12
; ELSE
  ROMFLAGS=10
; ENDIF
ELSE
; IF IMGNOTALLKMODE
; ROMFLAGS=2
; ELSE
  ROMFLAGS=0
; ENDIF
ENDIF

IF _TGTCPUFAMILY=x86
  ROMOFFSET=80000000
ENDIF

IF IMGTINYFSRAM
  FSRAMPERCENT=0x00000080
ENDIF
```

"Yannick Chamming's [eMVP]" <yhammings_nospam@adeset.com> wrote in message
news:OUbBXGOEHA.1340@TK2MSFTNGP12.phx.gbl...

> *Blankwhat is the content of your CONFIG.BIB ?*

>

> --

> -----

> *Yannick Chamming's (eMVP)*

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> -----

>

> *"QS" <qs@nowhere.com> a écrit dans le message de*

> *news:uZCLkgFOEHA.3744@TK2MSFTNGP11.phx.gbl...*

> *I created a CE image and I keep adding components to it. The I get" Error:*

> *Image is too large for current RAM and RAMIMAGE settings" error message*
when

> *I try to build new image. My CEPC memory is 64MB and the image size is*
about

> *27 MB.*

>

>

> *What should I do???? Add more memory to my CEPC or I can change setting to*

> *let it pass???*

>

>

> *Thanks a loot!*

>

>