

NEXTSTEP for Intel Processors

Title: Installing NEXTSTEP 3.3 On IBM ThinkPad 755CX

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Overview

You need the following device drivers to install and run NEXTSTEP 3.3 on IBM ThinkPad 755 CX.

1. EIDE and ATAPI device driver (NeXTanswer #1839 and NeXTanswer #1838)
2. IBM ThinkPad 755CX Display Driver (NeXTanswer #1982 and NeXTanswer #1983)

You must update the system BIOS to version 1.30 or later in your IBM ThinkPad in order to install NEXTSTEP. Older BIOS will cause the kernel to panic if power management is not disabled. You can get the updated BIOS from <ftp://ftp.pcco.ibm.com/pub/pccbbs/mobiles/sytpe141.exe> or by contacting IBM Technical support. Read the file <ftp://ftp.pcco.ibm.com/pub/pccbbs/mobiles/sytpe141.doc> for documentation.

Also you must use the EIDE driver while installing NEXTSTEP. Select the "EIDE and ATAPI Device Driver" from the options presented. You can install NEXTSTEP either from the network or from a SCSI CD-ROM by using a supported PCMCIA adapter.

The details on the display driver can be found in NeXTanswer #1982 and NeXTanswer #1983.

Bugs and Warnings

1. The MWave DSP is currently unsupported. Hence the only audio available is default system beep.
2. Power management supports Standby feature only. Others (Suspend and Hibernation) are not supported. You should not close the lid while the system is powered by the battery and NEXTSTEP is running since this puts the machine in Suspend mode.

See Also

1839_EIDE_Driver_Overview
1933_EIDE_and_ATAPI_CDROM_Support_in_NEXTSTEP_3.3
1824_Installing_Drivers_Overview
1921_3.2_and_3.3_Install_Drivers_Overview
1982_IBM ThinkPad_755CX_Display_Driver_Overview