NEXTSTEP for Intel Processors

Title: Compaq LTE 4/25C
Entry Number: 1472
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Product Vendor:
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Keywords: Compaq, LTE, Portable

Usage Commentary:
The Compaq LTE portable provides integrated VGA with 640 x 480 2-bit grayscale under NEXTSTEP. The system also includes an integrated trackball.

Setup and Installation:

NEXTSTEP Release 3.1 was successfully installed onto a Compaq LTE 4/25c configured in the following manner. Use the system setup utility provided with your system to confirm that the relevant settings match those shown below.

BIOS Settings
```
Date
Time
Numeric Coprocessor              Integrated
Internal Diskette Drive          1.44-megabyte (3.5 inch)
External Diskette Drive          Not Installed
Diskette Drive                   Enabled
Primary Controller
     Fixed Disk 1                Type 16 (209.4 megabyte)
     Fixed Disk 2                Not Installed
Secondary Controller
     Fixed Disk 1                    Not Installed
     Fixed Disk 2                    Not Installed
Fixed Disk Drive                     Primary
Base Memory                          640 Kbytes
COMPAQ Reserved Memory               128 Kbytes
Extended Memory                      19712 Kbytes
Total Memory                         20480 Kbytes
Memory Identified:
     System Board                    4 Megabytes
     Memory Card                     16 Megabytes
Primary monitor attached to     VGA (color)
Internal Display Options
     Extended Text               Disabled
Volume Level                     80%
NumLock Power-On State           Off
Password Control
     Power-On Password           Not Set
     Setup Password              Not Set
     QuickLock                   Disabled
     QuickBlank                  Disabled
```

```
     Network Server Mode                Disabled
System Board Serial Device              Disabled
Internal Modem/2nd Serial Device  Disabled
Modem State                             Off
Integrated Trackball                    COM2, IRQ3
Parallel Interface                      LPT1, IRQ7
Power Consumption Level                 Drain
     Processor Speed                    25 Mhz
     System Idle Timeout                0 Minutes
     Standby Timeout                    0 Minutes
     Fixed Disk Drive Timeout           0 Minutes
     Screen Save                        0 Minutes
     Edgelight Intensity                100%
Warning Beep                            Enabled
Hibernation                             Disabled
Current Power Source                    Internal Battery
System Power-On Speed                   High
Serial Number                           #########
Option ROMs                             C0000-C5FFFF
```

NEXTSTEP Release 3.2 Configure Settings

```
Video                        Default VGA
Pointing Device              Serial Mouse
Network                      Intel EtherExpress
SCSI                         Adaptec 1542B
Audio                        Beep Driver
Other                        Serial Ports
                             PS/2 Keyboard
                             Floppy
                             IDE Controller
```

Known Problems:

Release 3.1

· The Compaq LTE notebook has a problem under NEXTSTEP Release 3.1 that requires a careful execution of a special procedure during installation. During the second phase of installation the

keyboard will not function at all. You must use Configure to add an entry for the integrated serial trackball and remove the standard entry for the PS/2 mouse. If the PS/2 mouse entry is not removed, your system's keyboard will not work when you reboot, and you will be unable to boot with the option **config=Default** to correct the problem. If you make an error at this stage, you'll have to reinstall NEXTSTEP onto your Compaq's disk.