Windows3　1　　　　　　　　　　　　　　PDF

Windows 3.1
Operating Modes Windows 3.1 has three different operating modes
called real mode, standard mode, and 386enhanced mode. When
you type WIN to start Windows, the software automatically chooses
the operating mode that is appropriate for your hardware　1　Real
Mode Windows automatically runs in real mode on computers that
use the Intel 8086 or 8088 microprocessor (or•an
equivalent) and on computers with less than 1 MB of memory. When
you use real mode, applications do not have access to memory
beyond 640KB　2　Standard Mode Windows automatically runs
in standard modern computers with at least 1 MB of memory that
use the Intel 80286 microprocessor. In standard mode, your
Windows applications can use memory in excess of 640 KB　You
can run non-Windows application as well as Windows applications,
but non-windows applications must use the full screen. In addition,
non-Windows applications can run in the foreground only. that is,
when you switch from a non-windows applications to another
application　either a Windows application or another
non-Windows application　　the program you switched away
from is suspended until you switch back to it. 3. 386 Enhanced Mode
(1) Windows automatically runs 386 enhanced mode on computers
that use the Intel 80386　Intel80486 or Intel Pentium
microprocessor and that have at least 2MB of memory. The memory

must include640KB of conventional memory plus at least 1 MB of extended memory, Windows386 enhanced mode provides two advantages over standard mode   (2) 1n 386 enhanced mode, Windows can use free space on) our hard disk as an extension of internal(RAM) memory. When your internal memory be-comes full, Windows writes data that youre temporarily not using to the hard disk. when you need that data again   Windows retrieves it and moves other data out to disk. (3)In 386 enhanced mode, you have more control over the way non-Windows applications run. You can display most non-Windows programs in full-screen fashion or in a Windows and you can choose to have a non-Windows application continue running even when youve switched to a different program

    4   WINDOWS TIP   You can find out which operating mode Windows is using by choosing the About Command on Program Managers Help menu. This command also tells you how much memory is currently available to Windows   Windows 3   1
          Windows 3.1

    386   WIN   Windows
                                                1.
    Inte18086/8088   1MB
  Windows

                    640KB   2.
  1MB   Inte180286   Windows
                                    Windows
  640KB   Windows
  Windows   Windows

Windows

Windows

Windows   Windows

                                                                    3

386   (I)   1NTEL80386, 80486   Intel

                        2MB   Windows   386

                    640KB   1MB

    Windows386   (2)

386   Windows

                                Windows

                                Windows

                            (3)   386

        Windows   Windows

                                                                Windows

                    4   Windows

Program Manger   Help

About Command   Windows

                                                        Windows

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