

## IBM ThinkPad Hardware/Software Compatibility Matrix

	600	760XD	7650	770 Model 1AU	770 Models 51U, 52U	770 Models 5AU	760XL	765L	770 Models 30U31U40U	365X/D	380	380E	380X/D BAUBAU/AU	380X/D EAUFAU	560	560E	560X
--	-----	-------	------	---------------	---------------------	----------------	-------	------	----------------------	--------	-----	------	------------------	---------------	-----	------	------

The purpose of this spreadsheet is to provide a guide to the compatibility within and between the ThinkPad 365, 380, 560, 600, 760 and 770 families. The spreadsheet contains information that can be used to highlight the compatibilities and differences between ThinkPad models when doing transition planning and/or to build an initial software image. This package is NOT intended to be a list of the latest levels of the software drivers needed to build an image. Although it is current as it is being created, it will become out of date over time. For the current list of the levels of the latest software drivers, see the support page on the IBM ThinkPad web site at:

[http://www.ibm.com/p/us/support/thinkpad/thinkpad\\_support.html](http://www.ibm.com/p/us/support/thinkpad/thinkpad_support.html)

Supported OS Version																	
PC-DOS 7.0	Yes	-----	-----	-----	-----	-----	-----	-----	Yes	-----	-----	-----	-----	-----	-----	-----	-----
MS-DOS 6.22	Yes	-----	-----	-----	-----	-----	-----	-----	Yes	-----	-----	-----	-----	-----	-----	-----	-----
Windows 3.11	Yes	-----	-----	-----	-----	-----	-----	-----	Yes	-----	-----	-----	-----	-----	-----	-----	-----
Windows for WG 3.11	Yes	-----	-----	-----	-----	-----	-----	-----	Yes	-----	-----	-----	-----	-----	-----	-----	-----
Windows 95 (OSR1 - Win95 Retail + Service Pack 1)	Yes	-----	-----	-----	-----	-----	-----	-----	Yes	-----	-----	-----	-----	-----	-----	-----	-----
Windows 95 (OSR2.21 - adds USB and new IP browser)	Yes	-----	-----	-----	-----	-----	-----	-----	Yes	-----	-----	-----	-----	-----	-----	-----	-----
Windows NT Workstation 3.51	No	Yes	-----	-----	No	-----	Yes	-----	Yes	-----	-----	-----	NO	NO	-----	-----	NO
Windows NT Workstation 4.0 Service Pack 3	Yes	-----	-----	-----	-----	-----	-----	-----	Yes	-----	-----	-----	-----	-----	-----	-----	-----
OS/2 Warp 4.0	Yes	-----	-----	-----	-----	-----	-----	-----	Yes	-----	-----	-----	-----	-----	-----	-----	-----
System Utility (ThinkPad Features / Configuration)																	
Utility Diskette for DOS Personalization	Version 4.11	Version 4.01	-----	-----	Version 4.11	-----	Version 4.01	-----	-----	Version 4.10	-----	-----	-----	Version 4.11	Version 4.01	-----	-----
Utility Diskette for Win95.1	-----	Version 4.00	-----	-----	Version 4.11	-----	Version 4.00	-----	-----	Version 4.10	-----	-----	-----	Version 4.11	Version 4.00 *2D	-----	-----
Utility Diskette for Win95	Version 4.11	Version 4.00	-----	-----	Version 4.11	-----	Version 4.00	-----	-----	Version 4.10	-----	-----	-----	Version 4.11	Version 4.00 *2D	-----	-----
Win95 Supplement File Disk II	Version 1.01	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	Version 1.00	-----	-----	-----	Version 1.00
Utility Diskette for OS/2 Warp	-----	Version 4.00	-----	-----	Version 4.11	-----	Version 4.00	-----	-----	Version 4.10	-----	-----	-----	Version 4.11	Version 4.00 *2D	-----	-----
Utility Diskette for WinNT	Version 4.11	Version 4.01	-----	-----	Version 4.11	-----	Version 4.01	-----	-----	Version 4.10	-----	-----	-----	Version 4.11	Version 4.00 *2D	-----	-----
Utility Data Diskette I	Version 1.00	-----	-----	-----	Version 1.00	-----	-----	-----	-----	Version 1.00	-----	-----	-----	-----	-----	-----	-----
Utility Data Diskette II	-----	-----	-----	-----	-----	-----	-----	-----	-----	Version 1.00	-----	-----	-----	-----	-----	-----	-----
Utility Driver Diskette for Win95	-----	-----	-----	-----	Version 1.00	-----	-----	-----	-----	-----	-----	-----	-----	Version 1.02	-----	-----	-----
IDE Driver Diskette	-----	-----	-----	-----	Version 1.00	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
OS/2 Warp Install Diskette I	Version 1.00	-----	-----	-----	Version 1.01	-----	-----	-----	Version 1.00	-----	-----	-----	-----	-----	-----	-----	-----
OS/2 Warp Install Diskette II	-----	-----	-----	-----	Version 1.00	-----	-----	-----	-----	-----	-----	-----	-----	Version 1.01	Version 1.00	-----	-----
System Board																	
Intel MMIO	Yes	-----	-----	Yes	-----	Yes	-----	Yes	-----	-----	-----	-----	-----	Yes	-----	-----	-----
System Bus	PCI	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HDD Interface	Enhanced IDE	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
IO Port	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Serial	PC97338B	16550 Compatible	-----	-----	-----	16550 Compatible	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Parallel	ECPEPP	-----	-----	-----	-----	ECPEPP	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
USB Controller	Intel 430TX (PIIX4)	-----	-----	Intel 430TX (PIIX4)	-----	Intel 82371AB (PIIX4)	-----	Intel 82371AB (PIIX4)	-----	-----	-----	-----	Intel 82371AB (PIIX4)	-----	-----	-----	Intel 82371AB (PIIX4)
BIOS	AT Compatible	-----	-----	-----	-----	AT Compatible	-----	AT Compatible	-----	-----	-----	-----	-----	-----	-----	-----	-----
System BIOS Updates	-----	Version 2.01	Version 2.01	-----	Version 1.01	Version 1.01	-----	Version 1.01	-----	Version 1.05	Version 1.05	Version 1.05	-----	Version 1.05	No Update	No Update	Version 1.10
Model/Seq-mode	FC01	-----	-----	-----	FC01	-----	-----	FC01	-----	Version 1.05	Version 1.05	Version 1.05	-----	Version 1.05	-----	-----	Version 1.02
Memory Map	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
F000-FFFF	64K ROM mapped to RAM	BIOS	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
E000-EFFF	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
D000-DFFF	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
C7FF-C7FF	Channel ROM (C800-E7FFF)	-----	-----	-----	Video BIOS (C7FFF-C9FFF)	Video BIOS (C7FFF-C9FFF)	-----	Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	Video BIOS (C7FFF-C9FFF)	-----	-----	-----
C000-C7FF	Video vROM mapped to RAM	Video BIOS	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
A000-BFFF	Video RAM	VRAM	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Video BIOS (C7FFF-C9FFF)	-----																

## IBM ThinkPad Hardware/Software Compatibility Matrix

	600	760X	765D	770 Model 1AU	770 Models 51U, 52U	770 Models 5AU	760XL	765L	770 Models 30U31U40U	365X/D	380	380E	380X/D BAUBAU/AU	380X/D EAUF/AU	560	560E	560X
Vesa107	No	<-----	60Hz	No *17	No *17	No *17	No	<-----	No *17	No	<-----	<-----	<-----	<-----	<-----	<-----	<-----
CRT Display Modes (See below for VESA display modes.)																	
VGA	60/75/85Hz	60Hz	<-----	<-----	<-----	<-----	<-----	<-----	60Hz	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Vesa101	60/75/85Hz	60/75/85Hz	<-----	<-----	<-----	<-----	<-----	<-----	60/75/85Hz	60/75/85Hz	60/75/85Hz	<-----	<-----	60/75/85Hz	<-----	<-----	60/75/85Hz
Vesa111	60/75/85Hz	60/75/85Hz	<-----	<-----	<-----	<-----	<-----	<-----	60/75/85Hz	60/75/85Hz	60/75/85Hz	<-----	<-----	60/75/85Hz	<-----	<-----	60/75/85Hz
Vesa112	60/75/85Hz	60/75/85Hz	<-----	60/72/75/85Hz *18	60/72/75/85Hz *18	60/72/75/85Hz *18	60/72/75Hz	60/72/75/85Hz	60/72/75/85Hz	60/72/75/85Hz	60/72/75/85Hz	<-----	<-----	60/72/75/85Hz	<-----	<-----	60/75/85Hz
Vesa102	60/75/85Hz	60/75/85Hz	<-----	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	<-----	<-----	60/75/85Hz	<-----	<-----	60/75/85Hz
Vesa103	60/75/85Hz	60/75/85Hz	<-----	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	<-----	<-----	60/75/85Hz	<-----	<-----	60/75/85Hz
Vesa114	60/75/85Hz	60/75/85Hz	<-----	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	60/75/85Hz	<-----	<-----	60/75/85Hz	<-----	<-----	60/75/85Hz
Vesa115	60/75/85Hz	60/75/85Hz	<-----	60/75/85Hz *18	60/75/85Hz *18	60/75/85Hz *18	No	60Hz	60/75/85Hz *18	60/75/85Hz *18	60/75/85Hz *18	<-----	<-----	60/75/85Hz	<-----	<-----	60/75/85Hz
Vesa104	60/75/85Hz	60/75/85Hz	<-----	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	<-----	<-----	60/70/75 Hz	<-----	<-----	60/70/75 Hz
Vesa105	60/75/85Hz	60/75/85(7) Hz	60/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	60/70/75/85(7) Hz	<-----	<-----	60/70/75 Hz	<-----	<-----	60/70/75 Hz
Vesa117	60/75/85Hz	60/75/85(7) Hz	60/75/85(7) Hz	60/75/85(7) Hz *18	60/75/85(7) Hz *18	60/75/85(7) Hz *18	No	60Hz	60/75/85(7) Hz	60/75/85(7) Hz	60/75/85(7) Hz	<-----	<-----	60/75 Hz	<-----	<-----	60/75 Hz
Vesa106	No	60(87) Hz	<-----	60/75(87) Hz *18	60/75(87) Hz *18	60/75(87) Hz *18	60(87) Hz	60(87) Hz	60/75(87) Hz	60/75(87) Hz	No	<-----	<-----	<-----	<-----	<-----	No
Vesa107	No	60(87) Hz	<-----	No *17	No *17	No *17	No	60(87) Hz	60/75(87) Hz	60/75(87) Hz	<-----	<-----	<-----	<-----	<-----	<-----	No
*1	Win 3.11 Video Features	Version 6.10.11Q	<-----	Version 1.00	Version 1.01	Version 1.01	Version 1.22	<-----	Version 1.00	Version 1.14	Version 4.36	<-----	<-----	Version 5.06	Version 1.22	Version 1.22	Version 5.06
*1	Win 95 Video Features	Version 6.10.11Q	<-----	Version 1.00	Version 1.10	Version 1.10	Version 1.22	<-----	Version 1.00	Version 1.22	Version 5.38	<-----	<-----	Version 6.10Q	Version 1.22	Version 1.22	Version 6.10Q
*1	OS/2 Warp 4.0 Video Features	Version 1.15	<-----	Version 1.00	Version 1.01	Version 1.01	Version 1.15	<-----	Version 1.00	Version 1.15 *21	Version 3.19	<-----	<-----	Version 3.37	<-----	<-----	Version 3.37
*1	WinNT 3.51 Video Features	Version 1.13	<-----	Version 1.01	Version 1.10	Version 1.10	Version 1.13	<-----	Version 1.01	Version 1.01	Version 3.36	<-----	<-----	No	<-----	<-----	No
*1	WinT4.0 Video Features	Version 3.17.07D	<-----	Version 1.04	Version 1.01	Version 1.10	Version 1.04	<-----	Version 1.01	Version 1.11	Version 3.17	<-----	<-----	Version 3.17	<-----	<-----	Version 3.17
	LCD	640x480 256/64K/16M	640x480 256/64K	<-----	640x480 256/64K/16M *19	640x480 256/64K/16M *19	640x480 256/64K/16M *19	640x480 256/64K TFT	<-----	640x480 256/64K/16M	640x480 256/64K TFT	640x480 256/64K/16M	<-----	<-----	640x480 256/64K TFT	640x480 256/64K TFT	640x480 256/64K/16M (TFT&HPA)
		800x600 256/64K/16M	800x600 256/64K	<-----	800x600 256/64K/16M *19	800x600 256/64K/16M *19	800x600 256/64K TFT	<-----	800x600 256/64K/16M	800x600 256/64K TFT	800x600 256/64K	<-----	<-----	800x600 256/64K TFT	800x600 256/64K TFT	800x600 256/64K/16M (TFT&HPA)	
		1024x768 256/64K *23	1024x768 256/64K	<-----	1024x768 256/64K	1024x768 256/64K	1024x768 256/64K	<-----	1024x768 256/64K	1024x768 256/64K	1024x768 256/64K	<-----	<-----	1024x768 256/64K	1024x768 256/64K	1024x768 256/64K	
	CRT	640x480 256/64K/16M	640x480 256/64K/16M	<-----	640x480 256/64K/16M *19	640x480 256/64K/16M *19	640x480 256/64K/16M *19	640x480 256/64K/16M	<-----	640x480 256/64K/16M *19	640x480 256/64K/16M *19	<-----	<-----	640x480 256/64K/16M	<-----	<-----	640x480 256/64K/16M
		800x600 256/64K/16M	800x600 256/64K/16M	<-----	800x600 256/64K/16M *19	800x600 256/64K/16M *19	800x600 256/64K/16M *19	800x600 256/64K	<-----	800x600 256/64K/16M *19	800x600 256/64K	<-----	<-----	800x600 256/64K/16M	<-----	<-----	800x600 256/64K/16M
		1024x768 256/64K/8/9/96	1024x768 256/64K	<-----	1024x768 256/64K	1024x768 256/64K	1024x768 256/64K	1024x768 256/64K	<-----	1024x768 256/64K	1024x768 256/64K	<-----	<-----	1024x768 256/64K	<-----	<-----	1024x768 256/64K
	No Higher Resolution	1280x1024 256	1280x1024 16	<-----	1280x1024 256	1280x1024 256	1280x1024 256	No Higher Resolution	<-----	1280x1024 16	1280x1024 16	<-----	<-----	1280x1024 16	<-----	<-----	No
PCMCIA																	
	TI PCI 1250	TI PCI 1130	<-----	TI PCI 1140	<-----	TI PCI 1140	TI PCI 1130	<-----	TI PCI 1140	Ricoh P5C365L	Cirrus PDE79	<-----	<-----	<-----	Cirrus CL-PDE79	<-----	TI PCI250A
	IBM PC Card Director utility	Ver. 5.32.18	Version 4.06	<-----	Version 4.04 *14	Version 4.05	Version 4.06	<-----	Version 4.04 *14	Version 4.05	Version 4.06	<-----	<-----	Version 4.06	<-----	<-----	Version 4.08
	Win95	1.09	Version 4.05	<-----	Version 4.07	Version 4.09	<-----	<-----	Version 4.07	Version 4.05	Version 4.04	<-----	<-----	Version 4.08	<-----	<-----	Version 4.08
	WinNT *13	3.10.04	Comes w/WinNT	<-----	<-----	<-----	Comes w/WinNT	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
	SystemSoft	CardSoft for DOS	<-----	Version 5.32.12	Version 5.32.18	<-----	<-----	<-----	Version 5.32.12	Version 5.02	<-----	<-----	<-----	Version 5.32.18	<-----	<-----	Version 5.32.18
		CardWizard for Win3.1	<-----	Version 5.32.12	Version 5.32.18	<-----	<-----	<-----	Version 5.32.12	Version 5.02	<-----	<-----	<-----	Version 5.32.18	<-----	<-----	Version 5.32.18
		CardWorks for Win95	<-----	Version 5.32.12	Version 5.32.20	<-----	<-----	<-----	Version 5.32.12	Version 5.22 (No CardBus)	Version 5.02	<-----	<-----	Version 5.32.18	<-----	<-----	Version 5.32.18
		CardWizard for WinNT	<-----	Version 3.10.04	Version 3.10.01	<-----	<-----	<-----	Version 3.10.01	Version 2.02 (No CardBus)	Version 5.22 (No CardBus)	<-----	<-----	Version 3.10.03	<-----	<-----	Version 3.10.03
	Slot	2x Type 2 or 1x Type 3	<-----	<-----	<-----	<-----	2x Type 2 or 1x Type 3	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
	CardBus	Yes	<-----	<-----	<-----	<-----	Yes	<-----	<-----	No	No	<-----	<-----	No	No	<-----	Yes
	ZV Port Enabled	No	<-----	Yes	<-----	<-----	<-----	<-----	Yes	Yes *4	Yes *4	<-----	<-----	Yes *4	Yes *4	<-----	Yes
Audio																	
	Driver	DOS/Win3.11	M/AVE Version 2.24	<-----	Cristal Audio Version 1.82	Cristal Audio Version 1.82	<-----	AudioDrive Version 1.0	<-----	Cristal Audio Version 1.82	AudioDrive Version 1.0	Cristal Audio Version 1.82	<-----	Cristal Audio Version 1.82	AudioDrive Version 1.0	<-----	Cristal Audio Version 1.82
		Win95	M/AVE Version 2.24	<-----	Cristal Audio Version 2.52	Cristal Audio Version 2.52	<-----	AudioDrive Version 1.01	<-----	Cristal Audio Version 2.52	AudioDrive Version 1.01	Cristal Audio Version 2.52	<-----	Cristal Audio Version 2.52	AudioDrive Version 1.01	<-----	Cristal Audio Version 2.52
		WinNT	M/AVE Version 2.21	<-----	Cristal Audio Version 1.70	Cristal Audio Version 1.70	<-----	AudioDrive Version 1.0	<-----	Cristal Audio Version 1.53	AudioDrive Version 1.00	Cristal Audio Version 1.52	<-----	Cristal Audio Version 1.53	AudioDrive Version 1.00	<-----	Cristal Audio Version 1.53
	IF	Media Processor	<-----	CS4237B	<-----	<-----	N/A	<-----	CS4237B	N/A	Port Replicator Only	<-----	<-----	N/A	<-----	<-----	Enhanced Port Replicator only
	Driver	DOS/Win	Version 2.30	<-----	N/A	<-----	<-----	<-----	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
		Win95	Version 2.35 *22	<-----	Comes w/Win95	<-----	<-----	<-----	N/A	<-----	Comes w/Win95	N/A	<-----	Comes w/Win95	N/A	<-----	Comes w/Win95
		WinNT	Version 2.35 *22	<-----	Comes w/WinNT	<-----	<-----	<-----	N/A	<-----	Comes w/WinNT	N/A	<-----	Comes w/WinNT	N/A	<-----	Comes w/WinNT
	Wave Table Audio	3780 DSP	<-----	3780 DSP	N/A	3780 DSP	<-----	N/A	<-----	N/A	<-----	<-----	<-----	N/A	<-----	<-----	<-----
		DOS/Win	N/A	<-----	N/A	N/A	<-----	N/A	<-----	N/A	<-----	<-----	<-----	N/A	<-----	<-----	<-----
		Win95	Comes w/Win95	<-----	N/A	Comes w/Win95	<-----	N/A	<-----	N/A	<-----	<-----	<-----	N/A	<-----	<-----	<-----
		Warp	N/A	<-----	N/A	N/A	<-----	N/A	<-----	N/A	<-----	<-----	<-----	N/A	<-----	<-----	<-----
		WinNT	N/A	<-----	N/A	N/A	<-----	N/A	<-----	N/A	<-----	<-----	<-----	N/A	<-----	<-----	<-----
Integrated Modem																	
	Drivers *6	3780 DSP *22	Media Processor	<-----	3780 DSP	<-----	3780 DSP	<-----	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
	Driver	DOS/Win3.11	Version 2.24	<-----	Version 2.33	N/A	Version 2.35	<-----	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
		Win95	Version 2.35	<-----	Version 2.33	N/A	Version 2.35	<-----	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
		Warp	Version 2.24	<-----	Version 2.33	N/A	Version 2.35	<-----	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
		WinNT	Version 2.21	<-----	Version 2.33	N/A	Version 2.35	<-----	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
	Speed	Up to 56Kbps	Up to 33.6Kbps	<-----	Up to 33.6Kbps	N/A	Up to 56.6Kbps	<-----	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
	VDD	Yes	<-----	(upgradable to 56.6Kbps)	N/A	Yes	<-----	<-----	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
IR																	
	Win3.11/95/Warp Driver	NSP7338	VLSI V10E7482	<-----	PCP7338/LJ	VLSI V10E7482	<-----	PCP7338/LJ	<-----	NS P7335A</							

IBM ThinkPad Hardware/Software Compatibility Matrix

	600	760XD	7650	770 Model 1AU	770 Models 51U, 52U	770 Models 5AU	760XL	765L	770 Models 30U31U40U	365X/D	380	380E	380X/D BAUBAU/AU	380X/D EAUF/AU	560	560E	560X
<b>Features</b>																	
DOS		Not Supported	<-----	Not Supported	<-----	<-----	N/A	<-----	Not Supported	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Win3.11		MPEG 2 Driver II Ver. 1.12	<-----	Not Supported	<-----	<-----	N/A	<-----	Not Supported	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Microsoft Win32s Setup		Version 1.25	<-----														
Win95		MPEG 2 Driver II Ver. 1.12	<-----	MPEG 2 Driver III Ver. 1.00	MPEG 2 Driver III Ver. 1.10	<-----	N/A	<-----	MPEG 2 Driver III Ver. 1.00	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Warp		MPEG 2 Driver II Ver. 1.20	<-----	Not Supported	MPEG 2 Driver III Ver. 1.10	<-----	N/A	<-----	Not Supported	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
WinNT		MPEG 2 Dr II Ver. 1.00 (4.0)	<-----	Support To Be Announced	MPEG 2 Driver III Ver. 1.24	<-----	N/A	<-----	Support To Be Announced	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
MPEG2 MPEG Update for OS/2		Version 1.20	<-----				Version 1.20	<-----									
<b>Video CD Player</b>																	
DOS		Not supported	<-----			Yes				N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Win3.11		Version 1.20	<-----				N/A	<-----		N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Win95		Version 1.20	<-----				N/A	<-----		N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Warp		Comes withWarp	<-----				N/A	<-----		N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
WinNT		Not Supported	<-----				N/A	<-----		N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
<b>DVD Player</b>																	
DOS			<-----		N/A	N/A					<-----	<-----	<-----	<-----	<-----	<-----	<-----
Win3.11			<-----		N/A	N/A					<-----	<-----	<-----	<-----	<-----	<-----	<-----
Win95			<-----		N/A	N/A					<-----	<-----	<-----	<-----	<-----	<-----	<-----
Warp			<-----		N/A	N/A					<-----	<-----	<-----	<-----	<-----	<-----	<-----
WinNT			<-----		N/A	N/A					<-----	<-----	<-----	<-----	<-----	<-----	<-----
DVD Movie for Win95			<-----		N/A	Disk 1.2, Version 1.00					<-----	<-----	<-----	<-----	<-----	<-----	<-----
DVD Movie Region for Win95			<-----		N/A	Disk 1.6, Version 1.00					<-----	<-----	<-----	<-----	<-----	<-----	<-----
MPEG-1 (Hardware assisted)		Yes	<-----	<-----	<-----	<-----	N/A	<-----	Yes	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
MPEG-2 HHR NTSC		Yes	<-----	<-----	<-----	<-----	N/A	<-----	Yes	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
MPEG-2 HHR PAL		No	<-----	<-----	Yes	Yes	N/A	<-----	Yes	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
MPEG-2 (Full)			<-----	Yes	<-----	Yes	<-----	<-----	Yes	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Dolby digital audio with AC-3 support			<-----	Yes '16	<-----	Yes '16	<-----	<-----	Yes '16	<-----	<-----	<-----	<-----	<-----	<-----	<-----	<-----
<b>Enhanced Video</b>																	
Driver		(Trident Cyber 9385)	<-----	(Trident Cyber 9397)	<-----	<-----	N/A	<-----	(Trident Cyber 9397)	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
DOS	N/A	Not Supported	<-----	Not supported	<-----	Not supported	N/A	<-----	Not supported	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Win3.11	N/A	Video Capture II 1.13	<-----	Not supported	<-----	Not supported	N/A	<-----	Not supported	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Win95	N/A	Video Capture II 1.13	<-----	Video Capture III 1.00	Video Capture III 1.10	<-----	N/A	<-----	Video Capture III 1.00	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Warp	N/A	Video Capture III 1.00	<-----	Video Capture III 1.00	Video Capture III 1.10	<-----	N/A	<-----	Video Capture III 1.00	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
WinNT	N/A	Not supported	<-----	Not supported	Video Capture III 1.00.50	<-----	N/A	<-----	Not supported	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Overlay	N/A	Yes	<-----	Yes	<-----	<-----	N/A	<-----	Yes	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
Acceleration	N/A	Supported by Video Driver	<-----	<-----	<-----	<-----	N/A	<-----	Supported by Video Driver	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
TV Out (NTSC/PAL)	N/A	Supported by Video Driver	<-----	<-----	<-----	<-----	N/A	<-----	Supported by Video Driver	N/A	<-----	<-----	<-----	<-----	<-----	<-----	<-----
<b>TrackPoint</b>																	
Driver			<-----								<-----	<-----	<-----	<-----	<-----	<-----	<-----
Win95/WinNT	Version 1.05		<-----	Version 1.01	Version 1.05	<-----			Version 1.01		<-----	<-----	<-----	<-----	<-----	<-----	<-----
Warp	Version 1.05		<-----	Version 1.00	Version 1.01	<-----			Version 1.00		<-----	<-----	<-----	<-----	<-----	<-----	<-----
<b>Systems Mgmt</b>																	
LANDesk Client Manager Driver			<-----								<-----	<-----	<-----	<-----	<-----	<-----	<-----
Win95	Version 1.01		<-----	Version 1.00	1.02	<-----			Version 1.00		<-----	<-----	Version 1.01	Version 1.03			Version 1.01
WinNT	Version 1.01		<-----	Version 1.00	1.02	<-----			Version 1.00		<-----	<-----	Version 1.01	Version 1.03			Version 1.01
<b>Notes:</b>																	
*1	Applications will recognize video mode as 16M color modes. However, 256K color will show on the panel due to TFT LCD panel design.																
*2	1280x1024 16 with WinNT																
*3	IBM PC Card Director utility not included on 760XD/XL preorder for Win95 or WinNT																
*4	Bottom slot only																
*5	No driver available. Requires native MIDI support from the OS.																
*6	National Language versions available outside US																
*7	DOS/Win3.1 and Win/OS2 only. Native Win95 driver.																
*8	WinNT 4.0 only																
*9	Thick models only are CD capable																
*10	Optional for non-CDROM models																
*11	Optional external CD-ROM drive with vendor-provided driver																
*12	WinNT 3.51 only. CDROM support comes with WinNT 4.0.																
*13	WinNT provides native support. WinNT 4.0 PC Card Director Version 1.00 available for download from the Internet.																
*14	Cardbus enabled under Windows 95																
*15	Optional																
*16	Requires DVD drive																
*17	Available with 4MB VRAM																
*18	Not available with 3D Graphics																
*19	16M not available with 3D Graphics																
*20	UltraPortable Utility Diskette																
*21	Video Features Diskette I for OS/2																
*22	Modem is available on 21U, 41U, 51U, and A1U. Not available on 31U																
*23	Available only on 13.0" WPA, and 13.3" TFT																
<b>Reference Information:</b>																	
<b>VESA Display Modes</b>																	
<b>Mode</b>	<b>Resolution</b>	<b>Colors</b>															
101	640x480	256															
111	640x480	64K															
112	640x480	16M															
102	800x600	16															
103	800x600	256															
114	800x600	64K															
115	800x600	16M															
104	1024x768	16															
105	1024x768	256															
117	1024x768	64K															
106	1280x1024	16															
107	1280x1024	64K															
<b>Notes</b>																	
This spreadsheet should be used as a reference tool only.																	
IBM makes no representation or guarantee regarding the information contained herein.																	
INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS BRIEF "AS IS" WITHOUT WARRANTY																	
OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED																	
WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states or countries																	
do not allow disclaimer or express or implied warranties in certain transactions, therefore, this statement may not apply																	

IBM ThinkPad Hardware/Software Compatibility Matrix																
600	T60XD	T650	T70 Model 1AU	T70 Models 51U, 52U	T70 Models 5AU	T60XL	T65L	T70 Models 3OU31U/4OU	365X/D	380	380E	380X/D BAU/BAU/AU Models	380X/D EAU/FAU Models	560	560E	560X

to you.  
IBM will continue to enhance products and services as new technologies emerge. IBM, therefore, reserves the right to alter specifications and other product information without prior notice. References in this publication to IBM products and services do not imply that IBM intends to make them available in all countries in which IBM operates. Check with your IBM representative for specific models.  
©IBM and ThinkPad are registered trademarks of International Business Machines Corp.