

All the notebooks at a glance

Manufacturer, Model, Name	Compaq Armada M700	Fujitsu-Siemens Lifebook E-6560	Acer TravelMate 737 TLV	Hewlett Packard OmniBook XE3
Category:	Ultra-Portable	Ultra-Portable	High-End	High-End
Processor:	P III SpeedStep 700 MHz	P III SpeedStep 700 MHz	P III SpeedStep 700 MHz	P III SpeedStep 700MHz
Memory [MB] (Slots/free)	64 (2/1)	128 (2/1)	128 (2/1)	64 (2/1)
Hard disk [GB]:	11.5	7.6	17.3	9.6
Diskette drive:	external/Insert plugable/parallel port		internal	internal
CD-ROM:	-	24x/Insert	-	-
DVD-ROM:	8x/Insert	-	8x/Insert	8x/internal
Drives open sideways:	yes	yes	yes	yes
Expansion slot for drives/ usable for second battery	yes/yes	yes/yes	yes/yes	none
Connections: PS/2 / serial / parallel / Line	+ / + / + / -	+ / + / + / +	+ / + / + / +	+ / + / + / -
USB / IRDA / TV	+ / + / +	+ / + / -	+ / + / +	+ / + / +
Docking-Port/external drives	+ / -	+ / +	+ / -	+ / -
Display: Type/size [inches]	TFT/14.1	TFT/14.1	TFT/15	TFT/14.1
Usable angle [degrees]	152	201	141	187
Even colour/brightness distribution	yes/no	yes/yes	no/yes	yes/yes
Keyboard: Offset cursor block	yes	no	yes	yes
All Cursor functions without [Fn]	yes	yes	no	yes
Loudspeaker covered when typing	yes	no	no	no
Mouse Type/buttons	Trackpoint/3	Trackpad/2	Trackpad/4	Trackpad/4
Battery: Type/voltage [V]/capacity [mAh]	Lilo/14.8/3200	Lilo/10.8/3600	Lilo/11.1/5400	Lilo/11.1/5400
Accessories:	yes	no	yes	no
Special power cable for PSU				
Modem-/Ethernet-cable/video-adaptor	+ / + / -	+ / - / -	+ / - / -	+ / - / -
Preinstalled operating system / Media	Win98/none	Win98/Recovery CD	Win98/Recovery-CD	Win98/none
Graphics chip	ATI 3D Rage Mobility P/M	ATI 3D Rage Mobility P/M	ATI 3D Rage Mobility P/M	S3 Savage MX
Memory [MB]	8	8	8	8
Modem chip (useable)	Lucent LT WinModem (+)	Lucent F1156 IV WinModem (+)	Lucent LT WinModem (+)	ESS ES56CVM-PI (-)
Ethernet chipset (useable)	Intel EtherExpress Pro 100 (+)	none	Intel EtherExpress Pro 100(+)	Accton Tech EN 2242 (-)
Sound chip (useable)	ESS 1978 Maestro 2E (+)	ESS 1978 Maestro 2E (+)	ESS 1969 Solo-1 (+)	ESS 1988 Allegro-1 (+)
PC Card chipset:	TI PCI 1450	Ricoh RL 5c476	O2 Micro 6832	TI PCI 1420
CardBus slots:	2x Type II or 1x Type III	2x Type II or 1x Type III	2x Type II or 1x Type III	2x Type II or 1x Type III
CardBus cover:	dummy card	spring shutter	spring shutter	spring shutter
IRDA chipset (useable)	not recognised (+)	not recognised (+)	NSC PC87338 (+)	SMC FDC37N869 (+)
TV-output connection:	Composite	none	SVHS/SVHS	Composite
Usable / simultaneous to display	yes/yes		not usable	not usable
max. viewable resolution	1024x768			
Power off/sleep/suspend to disk usable	yes/yes/no	yes/yes/no	yes/yes/no	yes/no/yes
Usable on text console/under X11	yes/no	yes/no	yes/yes	yes/yes
Width/depth/height [cm] (weight [kg])	31.5/25/3.4 (2.65)	30.8/26.2/3.6 (2.85)	32.5/26.5/5.3 (3.3)	33.2/27/4.3 (3.3)
Noise level [dB(A)]: normal/CD or DVD	41/46	46/52	32/39	47
Temperature [°C]: Underside/keyboard	41/39	45/39	46/39	41/35
Temperature [°C]: card slot	30	49	49	43
Temperature [°C]: Main air vent	58	48	50	33
Guarantee/spare parts warranty [months]	36/60	36/60	36/60	12
Market launch:	May-00	Oct-00	Sep-00	Aug-00
Price [approximate UK£]:	2,375	2,250	2,825	1,575

Toshiba Satellite Pro 4300	Toshiba Tecra 8100	IBM ThinkPad i1200 (1161)	Wortmann Terra-Aura A74 LD	Sony Vaio PCG-Z600 TEK
High-End	Ultra-Portable	Starter model	High-End	Ultra-Portable
P IIISpeedStep	P IIISpeedStep	Mobile Celeron	P III SpeedStep	P IIISpeedStep
700 MHz	750 MHz	500 MHz	700 MHz	700 MHz
64 (2/2)	128 (2/1)	64 (1/1)	128 (2/1)	128 (??)
11.5	18.6	5.59	19	19
internal	external/Insert plugable/special port	-	internal	external plugable/USB
-	-	24x/internal	-	16x/external/PCMCIA
6x/internal	6x/Insert	-	8x/internal	-
no	yes	yes	yes	none
none	yes/yes	none	none	none
+/+/-	+/+/-	+/-/+	+/+/+	-/+/+
+/+/+	-/+/+	+/-/-	+/+/+	+/-/-/Firewire
+/-	+/+	-/-	+/-	+/-
TFT/14.1	TFT/14.1	TFT/12.1	TFT/14.1	TFT/12.1
179	162	203	177	203
yes/no	yes/no	no/no	yes/yes	yes/yes
no	no	yes	no	no
yes	yes	yes	yes	no
no	no	no	no	no
Trackpoint/4	Trackpoint/4	Trackpoint/3	Trackpad/2	Trackpad/2
Lilo/10.8/4000	Lilo/10.8/4500	NiMH/9.6/4500	Lilo/14.8/3300	Lilo/14.1/1400
no	no	yes	no	no
+/-/-	+/-/+	+/-/-	+/-/+	+/-/-/USB-Adapter
Win98/Recovery-CD	Win2000/RecoveryCD	Win98/Recovery-CD	SuSE Linux 7.0	Win2000/Recovery-CD
S3 Savage MX	S3 Savage MX	Silicon Motion LynxEM+	S3 Savage MX	ATI 3D Rage Mobility P/M
8	8	8	8	8
Lucent 56k WinModem (+)	Lucent 56k WinModem(+)	Intel 7196 (-)	ESS 1989 WinModem (-)	Conexant SoftK56 (-)
none	none	none	none	Intel EtherExpress Pro 100 (+)
Yamaha YMF-744B (+)	Yamaha YMF-744B (+)	Crystal WDM (AC-97) (+)	ESS 1988 Allegro-1 (+)	Yamaha DS-XG WDM
Toshiba ToPIC95	Toshiba ToPIC95	O2 Micro OZ6812	Ricoh RL 5C476	Ricoh RL 5C476
2x Type II or 1x Type III	2x Type II or 1x Type III	2x Type II or 1x Type III	2x Type II or 1x Type III	1x Type I
spring shutter	spring shutters	spring shutters	spring shutters	dummy card
Toshiba F IR Port Type-DO (-)	SMC FDC37N869 (-)	none	NSC PC87338 (+)	none
Composite	Composite	none	Composite/Special	none
yes/no	yes/no		yes/no	
800x600	800x600		800x600	
yes/yes/no	yes/yes/no	yes/yes/no	yes/yes/no	yes/yes/no
yes/yes	yes/yes	yes/yes	yes/yes	yes/yes
31.3/26.7/5 (3.05)	32/25.5/4.4 (3.2)	31/24.5/4 (2.65)	31/25.7/4.4 (3)	27.8/22.3/3.1 (1.65)
47/49	34/39	40/40	47/50	46/-
41/31	40/32	38/34	41/34	43/35
35	46	38	49	34
46	55	44	41	46
Dec-60	36/60	12/-	36/60	36/-
Oct-00	Oct-00	2000	Feb-00	Jun-00
2,500	3,925	1,350	2,125	2,200