

Multimedia notebooks: Features Comparison

	IBM Personal Computer Co. ThinkPad 755CD	MPC Technologies CD-BOOK 899	Panasonic Personal Computer Co. V41
Direct Price as Configured	\$6,349	\$3,679	\$3,999 (avg. mail-order)
Configuration			
Processor	Intel DX4/100	Intel DX4/100	Intel DX4/100
BIOS	IBM	AMI BIOS 2/23/95	IBM 1.0L17
Chip Set	Pico Power Redwood	OPTi	Pico Power Redwood
External Cache Installed/Max.	None/None	None/None	None/256K
RAM Installed/Max.	8MB/40MB	8MB/64MB	8MB/32MB
External Ports	One 16550A serial, one ECP parallel, SVGA, PS/2 keyboard/mouse/keypad, mic, headphones, line in, MIDI/joystick, RJ-11 jack, composite/ S-video in/out, two IRDA-compatible infrared ports, expansion bus	One 16550A serial, one ECP parallel, SVGA, PS/2 keyboard, floppy, line in/out	One 16550A serial, one EPP parallel, SVGA, PS/2 keyboard/mouse, mic, speaker out, line in, expansion bus
Docking-Station Option	Yes	No	Yes
Battery Type	NiMH	NiMH	NiMH (two)
Battery Gauge	Yes	Yes	Yes
Dimensions (HWD)	2.2x11.7x8.3 inches	2.5x11.5x8.8 inches	2.3x11.7x9.3 inches
Weight With CD-ROM/ Total Travel Weight (with floppy and Storage)	7.5/9.5 pounds	7/9 pounds	9/11 pounds (with second battery)
Hard Drive	IBM 95459BD	Toshiba MK2526FC	Seagate ST9550AG
Rated Capacity	540MB	527MB	450MB
IDE Interface	VL-Bus	ISA	VL-Bus
3.5-Inch Floppy Drive	Swaps with CD-ROM	External	Swaps with second battery
PC Card Slots	Two Type II or one Type III	Two Type II or one Type III	Two Type II or one Type III
Multimedia			
CD-ROM Drive Mfr.	Teac	Philips	Panasonic
Speed	Double-speed	Double-speed	Double-speed
Type	Swappable with floppy	Under keyboard	Under keyboard
Audio Synthesizer	IBM Mwave DSP	ESS 688	ESS 688

Multimedia notebooks: Features Comparison

	IBM Personal Computer Co. ThinkPad 755CD	MPC Technologies CD-BOOK 899	Panasonic Personal Computer Co. V41
16-Bit Audio/Wavetable	Yes/Yes	Yes/No	Yes/No
Internal Speakers	Two stereo	Two stereo	Two stereo
Internal Microphone	Yes	Yes	No
Graphics			
Screen Type	Active matrix	Active matrix	Active matrix
Rated Size	10.4 inches	10.4 inches	10.4 inches
Graphics Accelerator/Bus Type	Western Digital VL-Bus 90C24	C&T 65540 VL-Bus	C&T 65545A VL-Bus
RAM Included/Max.	1MB/1MB DRAM	1MB/1MB DRAM	1MB/1MB DRAM
Max. LCD Resolution/Color	640x480 by 65,536	640x480 by 65,536	640x480 by 65,536
Max. External NI Res./Color	1,024x768 by 256	1,024x768 by 256	1,024x768 by 256
Simultaneous External Display	Yes	Yes	Yes
Video-Playback Enhancements	Software interpolation	None	None
Keyboard			
Inverted-T Cursor Arrows	Yes	Yes	Yes
Dedicated Home, End, PgUp,	Yes	No	Yes
Pointing Device	TrackPoint III	Versa Point	Trackball
Communications			
Internal Fax Modem/Speed	Mwave DSP/14.4Kbps	No	No
Warranty (Parts and Labor)	Three years	One year	Three years
Extended Warranty	\$40 per year adds onsite	One additional year (\$306)	Case by case
Tech Support			
Toll-Free Tech Support	Yes	Yes	Yes
Hours (Eastern Time)	24 hours, seven days	Mon.-Fri. noon to 8:30 p.m.	Mon.-Fri. 9 a.m. to 7 p.m.
Online Help	BBS, CompuServe	BBS, Internet E-mail, ftp, World Wide Web	None

Multimedia notebooks: Features Comparison

	IBM Personal Computer Co. ThinkPad 755CD	MPC Technologies CD-BOOK 899	Panasonic Personal Computer Co. V41
Software Included			
DOS/Windows Versions	PC DOS 6.3; Windows 3.1	MS-DOS 6.22; WFW 3.11	MS-DOS 6.22; Windows 3.11
CD-ROM Titles	ThinkPad Multimedia Library; Medio Magazine; World Beat; Sony Interactive Sampler; Multimedia Powertalk and ZCI Concise Encyclopedia; MS Home CD Sampler; Microsoft Custom Windows Entertainment Pak	Online documentation; Healthy Cooking; Complete Guide to Gardening; Wines of the World; Cool Crafts; Dandy Dinosaurs; The Legends of Oz; Warren Miller's Ski World; National Parks of America; Journey to the Planets; Americans in Space; Astrology	Panasonic First Aid CD
		Source ESS Audio Suite; D-Time CD-ROM Accelerator	
Preinstalled on the Hard Drive	MS Video for Windows 1.1 runtime; Monologue for Windows; AudioFile TalkWorks; Second Nature Screen Saver and Wallpaper for Windows; Triton CoSession Host; Lotus Organizer; Lotus ScreenCam; AlphaNet Follow-Fax; Sedona Systems Reprint;	ESS Audio Suite; D-Time CD-ROM Accelerator	ESS Audio Apps; Panasonic CD Viewer; Image Clip
	Farallon Replica; Asymetrix Digital Video Producer; Asymetrix Compel PE; Lotus cc:Mail; SoftNet FaxWorks Voice; Puma TranXit; Prodigy; America Online for Windows; Reuters Money Network; OAG Flight-Disk; Taxi		

Multimedia notebooks: Features Comparison

	Sager Midern Computer NP 9500	Toshiba America Information Systems Satellite Pro T2150CDT
Direct Price as Configured	\$2,985	\$3,679 (avg. mail-order)
Configuration		
Processor	Intel DX4/100	Intel DX4/75
BIOS	AMI 1.28	Toshiba
Chip Set	SIS 85C471	Toshiba
External Cache Installed/Max.	256K/1MB	None/none
RAM Installed/Max.	16MB/64MB	8MB/32MB
External Ports	Two 16550A serial, one ECP/EPP parallel, SVGA, PS/2 keyboard, external floppy, mic, speaker out, line in, MIDI/game, expansion bus	One 16550A serial port, one ECP parallel, SVGA, PS/2 keyboard, external floppy, mic, headphones, line in, expansion bus
Docking-Station Option	Yes	Yes (port replicator only)
Battery Type	NiMH	NiMH
Battery Gauge	Yes	Yes
Dimensions (HWD)	2.44x11.69x9.06 inches	2.1x11.7x8.8 inches
Weight With CD-ROM/ Total Travel Weight (with floppy and Storage	8/10 pounds	7.5/8.5 pounds
Hard Drive	Toshiba MK1924FCV	IBM DBOA-2528
Rated Capacity	527MB	520MB
IDE Interface	VL-Bus	VL-Bus
3.5-Inch Floppy Drive	External	External
PC Card Slots	Two Type II or one Type III	Two Type II or one Type III and one Type II
Multimedia		
CD-ROM Drive Mfr.	Philips	Toshiba
Speed	Double-speed	Double-speed
Type	Built in (right side)	Built-in (right side)
Audio Synthesizer	ESS 688	ESS 688

Multimedia notebooks: Features Comparison

	Sager Midern Computer NP 9500	Toshiba America Information Systems Satellite Pro T2150CDT
16-Bit Audio/Wavetable	Yes/No	Yes/No
Internal Speakers	Two stereo	One mono
Internal Microphone	Yes	Yes
Graphics		
Screen Type	Dual-scan passive matrix	Active matrix
Rated Size	10.3 inches	10.4 inches
Graphics Accelerator/Bus Type	C&T 65545 VL-Bus	C&T 65545 VL-Bus
RAM Included/Max.	1MB/1MB DRAM	1MB/1MB DRAM
Max. LCD Resolution/Color	640x480 by 256	640x480 by 65,536
Max. External NI Res./Color	1,024x768 by 256	1,024x768 by 256
Simultaneous External Display	Yes	Yes
Video-Playback Enhancements	None	None
Keyboard		
Inverted-T Cursor Arrows	Yes	Yes
Dedicated Home, End, PgUp,	Yes	Yes
Pointing Device	Pointing stick	AccuPoint
Communications		
Internal Fax Modem/Speed	No	No
Warranty (Parts and Labor)	One year	Three years
Extended Warranty	GE adds three years onsite (\$199.95)	T-Plus adds two years (\$199.95); T-Pak adds free overnight shipping (\$22.50/year); T-Site upgrades service to GE onsite (\$49.95/year); T-Screen adds no-fault screen coverage (\$179.95/year)
Tech Support		
Toll-Free Tech Support	Yes	Yes
Hours (Eastern Time)	Mon.-Fri. 11:30 a.m. to 8:30 p.m.	24 hours, seven days
Online Help	None	BBS, CompuServe

Multimedia notebooks: Features Comparison

	Sager Midern Computer NP 9500	Toshiba America Information Systems Satellite Pro T2150CDT
Software Included		
DOS/Windows Versions	MS-DOS 6.22; WFW 3.11	MS-DOS 6.22; WFW 3.11
CD-ROM Titles	None	None
Preinstalled on the Hard Drive	ESS Audio Suite; CD-Driver; pointing-stick drivers	Fn-Esse; ESS Audio Suite; ESS magiCDisc; Video for Windows runtime with Indeo; Toshiba Companion Disk