

Summary of Features: Multimedia Upgrade Kits and PCs

y = yes n = no

Multimedia Upgrade Kits

	CompuAdd Multimedia Upgrade Kit \$1069 Direct	Creative Labs Multimedia Upgrade Kit \$849.95 Dealers, direct	
List price (tested configuration)			
Distribution channel			
CD-ROM DRIVE			
Mechanism manufacturer	Sony	Panasonic	
Caddy manufacturer	Sony	Sony	
Operates vertically	y	y	
Audio support on drive:			
Headphone jack	y	y	
RCA jacks	y	n	
Volume knob	y	y	
CONTROLLER			
Controller manufacturer	Adaptec	Creative Labs	
Interface type	SCSI	Proprietary	
IRQ levels supported	11, 12	2, 5, 7, 10	
Number of selectable addresses	None		2
PERFORMANCE RATINGS			
Average access time (milliseconds)		380	390
Data transfer rate (burst)	187.5 KBps	250 KBps	
Percentage of CPU bandwidth consumed		22	35
Average latency:			
Inner track (milliseconds)		55	60
Outer track (milliseconds)		130	140
Mean time between failures (hours)		10000	25000
Maximum number of daisy-chained CD-ROM units per PC		7 N/A	
MIDI/WAVEFORM AUDIO CONTROLLER			
Sound-card manufacturer			
Model	CompuAdd Multimedia Sound Card	Creative Labs Sound Blaster Pro	
Interface	16-bit	16-bit	
IRQ levels supported	5, 9, 10, 15	2, 5, 7, 10	
Number of selectable addresses		2	2
KBps kilobytes per second.			
COMPATIBILITY			
AdLib Sound Card	y	y	
Roland MPU-401	n	n	
INSTRUMENT VOICE SUPPORT			
Maximum number of simultaneous instrument voices		11	22

Sheet1

Maximum number of simultaneous percussion voices		5	10
Maximum number of simultaneous melodic voices		9	12
Maximum number of simultaneous notes		9	22
Voice input and output	Mono	Stereo	
VOLUME CONTROL			
Programmable master volume control	y	y	
Individual-device volume control	y	y	
Manual volume control on-board	n	y	
MIXING CAPABILITIES			
Mixes audio sources from:			
CD-audio	y	y	
Microphone	n	y	
PC internal speaker	n	y	
Stereo DAC	n	y	
Stereo FM	n	y	
Stereo line in	y	y	
Number of channels (recording mixer)		6	3
Number of channels (playback mixer)		7	5
Number of volume settings per channel		13	16
AMPLIFICATION			
Power amplifier stage	y	y	
Amplifier (watts)	2 per channel	4 per channel	

N/A Not applicable: The product does not have this feature.

multimedia pcs

Media Vision Multimedia PC Upgrade Kit \$995 Dealers	CompuAdd 320sc MPC 66405 \$3300 Direct	Tandy 2500 SX/20 Multimedia PC \$4946.9 Direct	
Sony Sony y	Sony Sony y	Mitsumi N/A n	
y n y	y y y	y y y	
Adaptec SCSI 3, 5, 6, 7 None	Adaptec SCSI 11, 12 None	Tandy Proprietary 2, 3, 5	5
187.5 KBps	380 187.5 KBps 36	380 175 KBps 22	800 35
	55	55 Info not available	
	130	130 Info not available	
	10000 8	10000 7 N/A	10000
Media Vision Pro AudioSpectrum 8-bit 3, 5, 6, 7	CompuAdd Multimedia Sound Card 16-bit 5, 9, 10, 15 2	Creative Labs Sound Blaster Pro 16-bit 2, 5, 7, 10 2	2
y n	y n	y n	
	22	11	22

Sheet1

	10	5	10
	18	9	12
	22	9	22
Stereo	Mono	Stereo	
y	y	y	
y	y	y	
n	n	y	
y	y	y	
y	n	y	
y	n	y	
y	n	y	
y	n	y	
y	y	y	
	5	6	3
	5	7	5
	31	13	16
n	y	y	
2 per channel	2 per channel	4 per channel	

