

CD-ROM DRIVES: SUMMARY OF FEATURES

Products listed in ascending price order

List price	Tandy CDR-1000 CD-ROM Drive \$399.95	Allegro Series Model PXCD650S \$479	
PHYSICAL CHARACTERISTICS			
Mechanism manufacturer	Tandy	Sony	
External/internal	n/y	y/y	
External case characteristics:			
Dimensions (HWD, in inches)	N/A	2 x 6 x 12	
Weight (pounds)	N/A		5.80
Length of supplied cables	N/A	3 ft.	
Switchable voltage (110/220)	N/A	y	
Power/busy indicators	n/y	n/y	
Caddy manufacturer	N/A	Sony	
Operates vertically	n	y	
Audio support:			
Headphone jack	y	y	
RCA jacks	y	y	
Volume knob	y	y	
PERFORMANCE RATINGS			
Buffer size	N/A	8K	
Average access time	1,000 ms.	340 ms.	
Data transfer rate:			
Average or sustained	150 KBps	150 KBps	
Burst	1,400 KBps	600 KBps	
Average latency:			
Inner	Info not available	55 ms.	
Outer	Info not available	130 ms.	
Mean time between failures (hours)		10000	25000
CONTROLLER CHARACTERISTICS			
Controller manufacturer	Tandy	Procom	
Interface type	Proprietary	Proprietary	
Interface board (ISA):			
IRQs supported	2, 3, 5	None	
Number of selectable addresses		5	64
Maximum units in daisy chain	N/A		2
Alternate interfaces:			
Micro Channel	n	y	
Macintosh	n	y	
SOFTWARE SUPPORT			
Device driver supplier	Tandy	Procom	
Version tested		1	1
RAM used	64K	6K	

Sheet1

OS/2 support	n	n	
Includes MS/DOS	y	y	
CD-ROM extensions			
Includes Multimedia	n	n	
Extensions for Windows			
Installation software supplied	y	y	
CD-ROM disks bundled with drive	None		6

N/A Not applicable: The product does not have this feature.
y = yes n = no

Sheet1

GenSTAR	Texel	Sony		CD	
2000	DM-5021	CDU-7205	LMSI CM 231	Porta-Drive	Chinon CDX-431
\$499	\$529	\$699	\$783	Model T3201	\$795
				\$795	
GoldStar	Texel	Sony	Philips/LMSI	Toshiba	Chinon
y/n	y/y	y/n	y/y	y/y	y/n
3 x 13.5 x 11	1.7 x 5.8 x 14.8	2 x 7 x 13	3.4 x 12.5 x 11.3	1.7 x 5.9 x 8.2	2.2 x 6 x 10
38.20		6	6.40	9	4.20
3 ft. 2 in.	3 ft.	3 ft. 6 in.	3 ft. 2 in.	6 ft.	4 ft. 10 in.
n	y	n	y	y	n
y/y	n/y	y/y	y/y	n/y	y/y
Sony	Sony	Sony	Philips	Sony	Sony
n	n	y	n	y	y
y	y	y	y	y	y
y	n	y	y	y	y
y	y	y	y	y	y
32K	64K	8K	64K	64K	32K
450 ms.	340 ms.	340 ms.	400 ms.	325 ms.	350 ms.
150 KBps	150 KBps	150 KBps	153.6 KBps	150 KBps	150 KBps
600 KBps	153.6 KBps	600 KBps	1,000 KBps	1,500 KBps	2,200 KBps
66 ms.	56 ms.	55 ms.	60 ms.	60 ms.	70 ms.
150 ms.	119 ms.	130 ms.	155 ms.	120 ms.	150 ms.
20000		30000	25000	35000.00	50000.00
					25000
GoldStar	Trantor	Sony	Future Domain	Trantor	Chinon
Proprietary	SCSI	IDE	SCSI	SCSI	SCSI
3, 5, 7	3, 5-7	05/February	3, 5	3, 5, 7	None
256		4	19	3	4
	8	7	4	7	7
n	y	n	y	y	n
n	y	n	y	y	y
GoldStar	Trantor	Sony	LMSI	Trantor	Chinon
2.20		1.30	2.20	2.20	1.20
33K	10K	9K	2K	16K	31K
					2.20

Sheet1

n	n	n	n	y	n	
y	y	y	y	y	y	
n	n	n	n	n	n	
y	y	y	y	y	y	
None	None		6 None		1	1
(or 6 for \$200)						

Sheet1

Toshiba TXM-3301-E1 \$799	Todd TCDR-6000 \$805	NEC Intersect CDR-73 \$949	Sony CDU-7211 \$949	Hitachi CDR-1750S \$965	PLI CD-ROM Drive \$1099
Toshiba y/y	Hitachi y/y	NEC y/y	Sony y/y	Hitachi y/y	Sony y/y
2.7 x 8.7 x 9 4.30	2.2 x 6 x 13.5 7.90	3 x 9 x 9.5 7.50	2 x 7 x 13 6.50	2.9 x 9 x 12.8 9.30	2.5 x 10 x 10 6
4 ft. y	4 ft. n	3 ft. 3 in. y	4 ft. y	4 ft. 2 in. n	1 ft. 6 in. n
y/y Sony y	y/y Sony n	y/y Sony y	n/y Sony y	y/y Sony n	n/y Sony y
y	y	y	y	y	y
y	n	y	y	y	y
y	y	y	y	y	y
64K 325 ms.	32K 340 ms.	64K 300 ms.	64K 380 ms.	64K 320 ms.	64K 380 ms.
153.7 KBps 1,500 KBps	175.2 KBps Info not available	150 KBps 1,500 KBps	150 KBps 1,200 KBps	153.6 KBps 1,300 KBps	150 KBps 1,536 KBps
60 ms. 150 ms.	50 ms. 150 ms.	35 ms. 75 ms.	55 ms. 130 ms.	55 ms. 150 ms.	55 ms. 130 ms.
30000	25000	20000	25000	20000	25000
Future Domain SCSI	Todd Proprietary	Trantor/NEC SCSI	Future Domain SCSI	Future Domain SCSI	Trantor SCSI
3, 5	3 or 5 4	3, 5, 7 64	None 4	3, 5 4	3, 5-7 4
	7	8	7	7	8
y	y	y	y	y	y
y	y	y	y	y	y
Future Domain 23.8K	Hitachi 2.14	Trantor 2.20 2.20a 25.40 8K	Future Domain 28K	Future Domain 2.13 21K	Trantor 2.13 10K
					1.28

Sheet1

n	n	n	n	n	n
y	y	y	y	y	y
y	y	n	n	n	n
y	y	y	y	y	y
	1 None	None	None	None	None

IBM PS/2
External
CD-ROM Drive
\$1150

IBM
y/y

1.6 x 5.8 x 8
3.50

N/A
y

y/y
IBM
y

y
y
y

64K
380 ms.

150 KBps
1,500 KBps

56.6 ms.
150 ms.
55000.00

IBM
SCSI

None
None

7

y
n

IBM
1.01
10K

y
n

n

y
None