

MAGNETIC TAPE DRIVES:
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This document describes the physical characteristics of the listed magnetic tape drives. It is intended for internal use only. Data was taken from tape manufacturers published specifications and the accuracy is not guaranteed. This document will be updated periodically; revision history is listed below.

REVISION DATE	DESCRIPTION OF CHANGE
2-1-89	INITIAL RELEASE

1/2" REEL TO REEL TAPE

2400 FT. REEL STORAGE CAPACITY IN MB

BLOCK SIZE (BYTES)	800 BPI	1600 BPI	6250 BPI
512	11.6 MB	15.5 MB	35.1 MB
1024	15.3 MB	22.5 MB	58.6 MB
2048	18.3 MB	30.0 MB	87.6 MB
4096	20.2 MB	36.1 MB	116.8 MB
8192	21.4 MB	40.2 MB	140.7 MB
UNFORMATTED	22.6 MB	45.3 MB	176.8 MB
INTERBLOCK GAP	.6 INCH	.6 INCH	.3 INCH

DATA TRANSFER RATES IN KB/SEC

BLOCK SIZE (BYTES)	(800 BPI)					
	200 IPS	125 IPS	100 IPS	75 IPS	50 IPS	25 IPS
512	81.8	51.1	40.9	30.7	20.4	10.2
1024	108.2	67.6	54.1	40.6	27.1	13.5
2048	129.1	80.7	64.6	48.4	32.3	16.1
4096	142.9	89.3	71.5	53.6	35.7	17.9
8192	150.9	94.4	75.5	56.6	37.7	18.9
UNFORMATTED	160.0	100.0	80.0	60.0	40.0	20.0

BLOCK SIZE (BYTES)	(1600 BPI)					
	200 IPS	125 IPS	100 IPS	75 IPS	50 IPS	25 IPS
512	105.4	65.9	52.7	39.5	26.4	13.2
1024	158.6	99.1	79.3	59.5	39.7	19.8
2048	212.1	132.6	106.0	79.5	53.0	26.5
4096	255.1	159.4	127.6	95.7	63.8	31.9
8192	283.9	177.5	141.9	106.5	70.9	35.5
UNFORMATTED	320.0	200.0	160.0	120.0	80.0	40.0

BLOCK SIZE (BYTES)	(6250 BPI)					
	200 IPS	125 IPS	100 IPS	75 IPS	50 IPS	25 IPS
512	246.5	154.0	123.2	92.4	61.6	30.8
1024	414.2	258.9	207.1	155.3	103.6	51.8
2048	619.3	387.0	309.6	232.2	154.8	77.4
4096	825.5	515.9	412.8	309.6	206.4	103.2
8192	994.4	621.5	497.2	372.8	248.6	124.3
UNFORMATTED	1250.0	781.3	625.0	468.8	312.5	156.3

TAPE DRIVE CHARACTERISTICS CHART ABBREVIATIONS

bpi	= bits per inch
kb/s	= kilobytes per second
ips	= inches per second
in	= inches
(F)	= Pertec formatted interface (2-50 pin connectors)
(UF)	= Pertec unformatted interface (3-48 pin connectors)
STC	= STC interface (2-60 pin connectors)
s	= streaming
ss	= start/stop
lbs	= pounds

MODEL:	DMT2510 1/2 "	DMT2520 1/2 "	DMT3000 1/2 "
Evaluated at Zetaco	no	no	no
Interface	pertec (F)	pertec (F)	pertec (UF)
Stream or start/stop	s	s	ss
Embedded formatter	yes	yes	optional
Recording density			
800 bpi	no	no	yes
1600 bpi	yes	yes	yes
3200 bpi	yes	yes	no
6250 bpi	no	no	no
Tape speed (ips)			
start/stop	n/a	n/a	37.5 & 45.0
streaming	25/100 @1600 50 @3200	100 @1600 50 @3200	n/a
rewind	160	160	160
Cache memory	no	64kb	no
Transfer rate (kb/s)			
start/stop	n/a	n/a	30 to 72
streaming	160 @ 100 ips 40 @ 25 ips	20 to 430 selectable	n/a
Reel size (in)	7.0,8.5,10.5	7.0,8.5,10.5	7.0,8.5,10.5
Dimensions (in)			
height	8.7	8.7	23.5
width	17.0	17.0	18.9
depth	23.1	23.1	12.4
weight (lbs)	88.1	88.1	92.5
Tape threading	auto	auto	manual
Tape buffer	streamer	streamer	tension arm
Max. cable length			
Power requirements	100/240 vac	100/240 vac	115/230 vac

CIPHER

MODEL:	70X 1/2"	80X 1/2"	100X 1/2"	910 1/2"
Evaluated at Zetaco	no	no	yes	yes
Interface	pertec (UF)	pertec (UF)	pertec (UF)	pertec (UF)
Stream or start/stop	ss	ss	ss	ss
Embedded formatter	optional	optional	optional	optional
Recording density				
800 bpi	yes	yes	yes	yes
1600 bpi	yes	yes	yes	yes
3200 bpi	no	no	no	no
6250 bpi	no	no	no	
Tape speed (ips)				
start/stop	12.5 to 25	12.5 to 37.5	12.5 to 45	75
streaming	n/a	n/a	n/a	n/a
rewind	80	100	150	326
Cache memory	no	no	no	no
Transfer rate (kb/s)				
start/stop	10 to 40	10 to 60	10 to 72	60 to 120
streaming	n/a	n/a	n/a	n/a
Reel size (in)	7.0	7.0, 8.5	7.0, 8.5, 10.5	7.0, 8.5, 10.5
Dimensions (in)				
height	8.7	12.2	24.0	24.0
width	19.0	19.0	19.9	19.0
depth	12.7	12.7	15.1	18.0
weight (lbs)	40.0	40.0	80.0	105
Tape threading	manual	manual	manual	manual
Tape buffer	tension arm	tension arm	tension arm	vacuum column
Max. cable length(ft)	20	20	20	20
Power requirements	117/230 vac	117/230 vac	115/230 vac	95/270 vac

CIPHER

MODEL:	920 1/2"	F880-1 1/2"	F880-2 1/2"	M890 1/2"
Evaluated at Zetaco	no	yes	yes	yes
Interface	pertec (UF)	pertec (F)	pertec (F)	pertec (F)
Stream or start/stop	ss	s	s	s
Embedded formatter	optional	yes	yes	yes
Recording density				
800 bpi	yes	no	no	no
1600 bpi	yes	yes	yes	yes
3200 bpi	no	no	yes	no
6250 bpi	no	no	no	no
Tape speed (ips)				
start/stop	125	n/a	n/a	n/a
streaming	n/a	25 or 100	25/100 @ 1600 50 @ 3200	100
rewind	326	175	175	175
Cache memory	no	no	no	yes
Transfer rate (kb/s)				
start/stop	100 to 200	n/a	n/a	n/a
streaming	n/a	40 to 160	40 to 160	40 to 380 selectable
Reel size (in)	7.0,8.5,10.5	7.0,8.5,10.5	7.0,8.5,10.5	7.0,8.5,10.5
Dimensions (in)				
height	24.0	8.75	8.75	10.6
width	19.0	17.0	17.0	19.9
depth	18.0	24.5	24.5	26.9
weight (lbs)	130	80.0	80.0	95
Tape threading	manual	auto	auto	auto
Tape buffer	vacuum column	streamer	streamer	streamer
Max. cable length(ft)	20	25	25	25
Power requirements	95/270 vac	100/240 vac	100/240 vac	100/240 vac

MODEL:	M891 1/2"	M990 1/2"	M991 1/2"
Evaluated at Zetaco	no	yes	no
Interface	pertec (F)	pertec (F)	pertec (F)
Stream or start/stop	s	s	s
Embedded formatter	yes	yes	yes
Recording density			
800 bpi	no	no	no
1600 bpi	yes	yes	yes
3200 bpi	yes	yes	yes
6250 bpi	no	yes	yes
Tape speed (ips)			
start/stop	n/a	n/a	n/a
streaming	100 @ 1600 50 @ 3200	100 @ 1600 50 @ 3200 70 @ 6250	140 @ 1600 70 @ 3200 100 @ 6250
rewind	175		
Cache memory	yes	yes	yes
Transfer rate (kb/s)			
start/stop	n/a	n/a	n/a
streaming	40 to 380 selectable	70.3 to 632.8 selectable	100 to 904 selectable
Reel size (in)	7.0,8.5,10.5	7.0,8.5,10.5	7.0,8.5,10.5
Dimensions (in)			
height	10.6	8.75	8.75
width	19.9	17.0	17.0
depth	26.9	24.5	24.5
weight (lbs)	95	80.0	80.0
Tape threading	auto	auto	auto
Tape buffer	streamer	streamer	streamer
Max. cable length(ft)	25	25	25
Power requirements	100/240 vac	100/240 vac	100/240 vac

CONTROL DATA

MODEL:	92181-01 1/2"	92182-01 1/2"	92185-01 1/2"	92185-02 1/2"
Evaluated at Zetaco	yes	yes	yes	yes
Interface	pertec (F)	pertec (F)	pertec (F)	pertec (F)
Stream or start/stop	s	s	s	s
Embedded formatter	yes	yes	yes	yes
Recording density				
800 bpi	no	no	no	no
1600 bpi	yes	yes	yes	yes
3200 bpi	no	yes	no	no
6250 bpi	no	no	yes	yes
Tape speed (ips)				
start/stop	n/a	n/a	n/a	n/a
streaming	25/100	25/100	25/100	25/100
rewind	192	192	192	192
Cache memory	no	no	no	128 kb
Transfer rate (kb/s)				
start/stop	n/a	n/a	n/a	n/a
streaming	40 @ 25 ips 160 @ 100 ips	40 @ 25 ips 160 @ 100 ips	40 @ 25 ips 625 @ 100 ips	selectable to 770 kb/s
Reel size (in)	7.0,8.5,10.5	7.0,8.5,10.5	7.0,8.5,10.5	7.0,8.5,10.5
Dimensions (in)				
height	24.0	24.0	24.0	24.0
width	19.0	19.0	19.0	19.0
depth	13.6	13.6	13.6	13.6
weight (lbs)	100	100	100	100
Tape threading	manual	manual	manual	manual
Tape buffer	reel to reel	reel to reel	reel to reel	reel to reel
Max. cable length(ft)	25	25	25	25
Power requirements	100/240 vac	100/240 vac	100/240 vac	100/240 vac

DATA GENERAL

MODEL:	6300/29 (STC 2921)	4307 (STC 1968)		
Evaluated at Zetaco	no	no		
Interface	stc	stc		
Stream or start/stop	ss	ss		
Embedded formatter				
Recording density				
800 bpi	no	yes		
1600 bpi	yes	yes		
3200 bpi	no	no		
6250 bpi	yes	yes		
Tape speed (ips)				
start/stop	50	125		
streaming				
rewind	200	480		
Cache memory	no	no		
Transfer rate (kb/s)				
start/stop	80 @ 1600 312 @ 6255	100 @ 800 780 @ 6250		
streaming				
Reel size (in)	7.0,8.5,10.5	7.0,8.5,10.5		
Dimensions (in)				
height	24.0	61.75 in		
width	19.0	25.0		
depth	16.0	29.0		
weight (lbs)	100	320		
Tape threading	auto	auto		
Tape buffer	tension arm	vacuum column		
Max. cable length(ft)				
Power requirements	120/240 vac	120/240 vac		

MODEL:	M2442 1/2"	M2444 1/2"	M243X 1/2"
Evaluated at Zetaco	yes		yes
Interface	pertec (F)	pertec (F)	stc
Stream or start/stop	s and ss	s and ss	s and ss
Embedded formatter	yes	yes	
Recording density			
800 bpi	no	no	optional
1600 bpi	yes	yes	yes
3200 bpi	no	no	no
6250 bpi	yes	yes	yes
Tape speed (ips)			
start/stop	12.5	25	125/200
streaming	100	75	125/200
rewind	185	185	465
Cache memory	256 kb	256 kb	
Transfer rate (kb/s)			
start/stop	20 @ 1600 78 @ 6250	40 @ 1600 156 @ 6250	1250 @ 6250 @ 200 ips
streaming	160 @ 1600 625 @ 6250	120 @ 1600 470 @ 6250	1250 @ 6250 @ 200 ips
Reel size (in)	7.0,8.5,10.5	7.0,8.5,10.5	10.5
Dimensions (in)			
height	rackmount 22.6	rackmount 22.6	standalone
width	19.0	19.0	
depth	22.8	22.8	
weight (lbs)	165	165	
Tape threading	manual	manual	auto
Tape buffer	reel to reel	reel to reel	vacuum col.
Max. cable length(ft)			
Power requirements	100/240 vac	100/240 vac	200/240 vac

MODEL: HP88780A
1/2"

Evaluated at Zetaco	yes
Interface	pertec/scsi
Stream or start/stop	s
Embedded formatter	yes
Recording density	
800 bpi	no
1600 bpi	yes
3200 bpi	no
6250 bpi	yes
Tape speed (ips)	
start/stop	n/a
streaming	125
rewind	320
Cache memory	512 kb
Transfer rate (kb/s)	
start/stop	n/a
streaming	200 @ 1600 781 @ 6250
Reel size (in)	7.0,8.5,10.5
Dimensions (in)	rackmount
height	8.75
width	19.0
depth	26.5
weight (lbs)	85
Tape threading	auto
Tape buffer	reel to reel
Max. cable length(ft)	
Power requirements	90/264 vac 250 watts

MODEL:	9000 1/2"	9700 1/2"	9800 1/2"	6809 1/2"
Evaluated at Zetaco	yes	no	no	yes
Interface	pertec (UF)	pertec (UF)	pertec (UF)	pertec (F)
Stream or start/stop	ss	ss	ss	s
Embedded formatter	optional	no	no	yes
Recording density				
800 bpi	yes	yes	yes	no
1600 bpi	yes	yes	yes	yes
3200 bpi	no	no	no	no
6250 bpi	no	no	no	no
Tape speed (ips)				
start/stop	12.5 to 45	12.5 to 37.5	12.5 to 37.5	n/a
streaming	n/a	n/a	n/a	12.5/100
rewind	150	120	120	200
Cache memory	no	no	no	no
Transfer rate (kb/s)				
start/stop	36 @ 800 72 @ 1600	30 @ 800 60 @ 1600	30 @ 800 60 @ 1600	
streaming	n/a	n/a	n/a	160 @ 1600
Reel size (in)	7.0,8.5,10.5	7.0,8.5	7.0	7.0,8.5,10.5
Dimensions (in)				
height	24.5	12.5	8.75	8.75
width	19.0	19.0	19.0	19.0
depth	11.0	13.0	13.0	22.75
weight (lbs)	90	45	35	50
Tape threading	manual	manual	manual	auto
Tape buffer	tension arm	tension arm	tension arm	reel to reel
Max. cable length(ft)				
Power requirements	100/240 vac	100/240 vac	100/240 vac	100/240 vac

KENNEDY

MODEL:	9100 1/2"	9300 1/2"	9400 1/2"	9600 1/2"
Evaluated at Zetaco	yes	yes	yes	yes
Interface	pertec (UF)	pertec (UF)	pertec (UF)	pertec (F)
Stream or start/stop	ss	ss	ss	s and ss
Embedded formatter	optional	optional	yes	yes
Recording density				
800 bpi	yes	yes	yes	no
1600 bpi	yes	yes	yes	yes
3200 bpi	no	no	no	no
6250 bpi	no	no	yes	no
Tape speed (ips)			75 NRZI/PE	
start/stop	75	125	45 GCR	45
streaming	n/a	n/a	n/a	100
rewind	200	300	350	200
Cache memory	no	no	no	no
Transfer rate (kb/s)				
start/stop	60 @ 800 120 @ 1600	100 @ 800 200 @ 1600	60 @ 800 281 @ 6250	36 @ 800 72 @ 1600
streaming	n/a	n/a	n/a	160 @ 1600
Reel size (in)	7.0, 8.5, 10.5	7.0, 8.5	7.0, 8.5, 10.5	7.0, 8.5, 10.5
Dimensions (in)				
height	24.5	24.5	24.5	8.75
width	19.0	19.0	19.0	17.0
depth	21.0	21.0	22.75	24.5
weight (lbs)	155	170	165	
Tape threading	manual	manual	manual	auto
Tape buffer	vacuum column	vacuum column	vacuum column	tension arm
Max. cable length(ft)				
Tape requirements	100/240 vac	100/240 vac	115 60 hz 220/230 50 hz	120 60hz 220 50hz

MODEL:	9610/60 1/2"	9612/62 1/2"
Evaluated at Zetaco	yes	no
Interface	pertec	scsi
Stream or start/stop	s and ss	s and ss
Embedded formatter	yes	yes
Recording density		
800 bpi	yes	yes
1600 bpi	yes	yes
3200 bpi	yes	yes
6250 bpi	yes	yes
Tape speed (ips)		
start/stop	50	50
streaming	100	100
rewind	200	200
Cache memory	no	no
Transfer rate (kb/s)		
start/stop	40 @ 800 312 @ 6250	40 @ 800 312 @ 6250
streaming	80 @ 800 525 @ 6250	80 @ 800 525 @ 6250
Reel size (in)	7.0,8.5,10.5	7.0,8.5,10.5
Dimensions (in)		
height	8.75	8.75
width	17.0	17.0
depth	24.5	24.5
weight (lbs)		
Tape threading	auto	auto
Tape buffer	tension arm	tension arm
Max. cable length(ft)		se= 6M d= 25M
Tape requirements	100/240 vac 1050 watts	100/240 vac 1050 watts

PERTEC

MODEL:	FS1000 1/2"	FS2000 1/2"
Evaluated at Zetaco	yes	yes
Interface	pertec (UF)	pertec (UF)
Stream or start/stop	s	s
Embedded formatter	yes	yes
Recording density		
800 bpi	no	yes
1600 bpi	yes	yes
3200 bpi	yes	yes
6250 bpi	no	yes
Tape speed (ips)		
start/stop	n/a	n/a
streaming	25 100 50 @ 3200	25 100 50 @ 3200
rewind	160	160
Cache memory	no	256kb
Transfer rate (kb/s)		
start/stop	n/a	n/a
streaming	40 to 160	20 to 625
Reel size (in)	7.0,8.5,10.5	7.0,8.5,10.5
Dimensions (in)		
height	8.75	8.75
width	19.0	19.0
depth	22.0	22.0
weight (lbs)		
Tape threading	auto	auto
Tape buffer	reel to reel	reel to reel
Max. cable length(ft)		
Power requirements	100/240 vac	100/240 vac

STORAGE TECHNOLOGY CORP.

MODEL:	2921 1/2"	2922 1/2"	2925 1/2"
Evaluated at Zetaco	no	yes	no
Interface	pertec(F)/STC	pertec(F)/STC	pertec(F)/STC
Stream or start/stop	ss,s	ss,s	ss,s
Embedded formatter	yes	yes	yes
Recording density			
800 bpi	no	no	no
1600 bpi	yes	yes	yes
3200 bpi	no	no	no
6250 bpi	yes	yes	yes
Tape speed (ips)			
start/stop	50	50	50
streaming	n/a	100	100
rewind	192	192	192
Cache memory	no	no	256kb
Transfer rate (kb/s)			
start/stop	80 @ 1600 312 @ 6250	80 @ 1600 312 @ 6250	80 @ 1600 312 @ 6250
streaming	n/a	160 @ 1600 625 @ 6250	100 to 1250
Reel size (in)	7.0,8.5,10.5	7.0,8.5,10.5	7.0,8.5,10.5
Dimensions (in)			
height	24.5	24.5	24.5
width	19.0	19.0	19.0
depth	16.0	16.0	16.0
weight (lbs)	125	125	125
Tape threading	auto	auto	auto
Tape buffer	tension arm	tension arm1	tension arm
Max. cable length(ft)			
Power requirements	100/240 vac	100/240 vac	100/240 vac

STORAGE TECHNOLOGY CORP.

MODEL:	1966 1/2"	1968 1/2"
Evaluated at Zetaco	no	no
Interface	STC	STC
Stream or start/stop	ss	ss
Embedded formatter	no	no
Recording density		
800 bpi	no	yes
1600 bpi	yes	yes
3200 bpi	no	no
6250 bpi	yes	yes
Tape speed (ips)		
start/stop	50/75/125	50/75/125
streaming	n/a	n/a
rewind	480	480
Cache memory	no	no
Transfer rate (kb/s)		
start/stop	80 @1600 to 780 @ 6250	40 @ 800 to 780 @ 6250
streaming	n/a	n/a
Reel size (in)	7.0,8.5,10.5	7.0,8.5,10.5
Dimensions (in)		
height	29.7	29.7
width	19.0	19.0
depth	24.0	24.0
weight (lbs)	320	320
Tape threading	auto	auto
Tape buffer	vacuum column	vacuum column
Max. cable length(ft)		
Power requirements	100/240 vac	100/240 vac

TELEX

MODEL:	9250 1/2"	9270 1/2"
Evaluated at Zetaco	yes	yes
Interface	pertec (F)	pertec (F)
Stream or start/stop	ss	ss
Embedded formatter	yes	yes
Recording density		
800 bpi	yes	yes
1600 bpi	yes	yes
3200 bpi	no	no
6250 bpi	yes	yes
Tape speed (ips)		
start/stop	50	75
streaming	n/a	n/a
rewind	240	240
Cache memory	no	no
Transfer rate (kb/s)		
start/stop	40 @ 800 to 312 @ 6250	60 @ 800 to 468 @ 6250
streaming	n/a	n/a
Reel size (in)	7.0,8.5,10.5	7.0,8.5,10.5
Dimensions (in)		
height	24.5	24.5
width	19.0	19.0
depth	15.0	15.0
weight (lbs)	137	137
Tape threading	auto	auto
Tape buffer	vacuum column	vacuum column
Max. cable length(ft)		
Power requirements	100/240 vac	100/240 vac

1/2" CARTRIDGE TAPE

MODEL:	3532 1/2" CART.	3832 1/2" CART.	3834 1/2" CART.
Evaluated at Zetaco	no	no	no
Interface	pertec/scsi	pertec/scsi	pertec/scsi
Available	2Q,89	now	now
Pricing	\$1,380 oem	\$3,710 oem	\$4,400 oem
Stream or start/stop	SS	SS	SS
Form factor	5.25"	8"	8"
Recording density			
Tape speed (ips)	60 ips	111 ips	111 ips
Cache memory	(256 kb)	(512 kb)	(512 kb)
Transfer rate (kb/s)	242	448	896
Reel size (in)	3480 cart.	3480 cart.	3480 cart.
Data Capacity	320 mb	320 mb	320 mb
Dimensions (in)			
height	3.25 in	4.50 in	4.50 in
width	5.75 in	8.55 in	8.55 in
depth	8.00 in	15.75 in	15.75 in
weight (lbs)	7 lbs	20 lbs	20 lbs
Tape threading	auto	auto	auto
Max. cable length(ft)			
Power requirements	+5,+12 30 watts	+5,-5,+24 90 watts	+5,-5,+24 90 watts

MODEL:	M2451E 1/2" CART.	M2452E 1/2" CART.	M2481 1/2" CART.
Evaluated at Zetaco	no	no	no
Interface	scsi	scsi	scsi
Available	now	now	
Pricing			
Stream or start/stop	s and ss	s and ss	
Form factor	5.25"	5.25"	8"
Recording density	12,000 bpi	12,000 bpi	37,871
Tape speed (ips) rewind	75(s) 50(ss) 100	75(s) 50(ss) 100	40
Cache memory			
Transfer rate (kb/s)	225 @ 75 150 @ 50	225 @ 75 150 @ 50	1000
Tracks	2 serpentine	2 serpentine	18
Reel size (in)	unique cart.	unique cart.	3480 cart.
Data Capacity	130 mb (s) 88 mb (ss)	220 mb (s) 140 mb (ss)	200 mb
Dimensions (in)			
height	3.25 in	3.25 in	4.6 in
width	5.75 in	5.75 in	8.6 in
depth	8.00 in	8.00 in	15 in
weight (lbs)	7 lbs	7 lbs	
Tape threading	auto	auto	auto
Max. cable length(ft)			
Power requirements	+5,+12 30 watts	+5,+12 30 watts	ps optional

MEGATAPE

MODEL:	MT-500C 1/2" cart	MT-750C 1/2" cart	MT-1500 1/2" cart
Evaluated at Zetaco	yes	yes	no
Formatted capacity	400 mb @ 16K	550 mb @ 16 K	1200 mb
Interface	pertec	pertec/scsi	pertec/scsi
Stream or start/stop	s	s	s
Embedded formatter	yes	yes	yes
Recording density	10,666 bpi	16,000 bpi	
Tape speed (ips) rewind	75 200	75 200	90 200
Tracks	24 serp.(2)	24 serp.(2)	36 serp.
Cache memory	128 kb	128 kb	128 kb
Transfer rate (kb/s)	250	250	764
Reel size (in)	unique cart.	unique cart.	unique cart.
Dimensions (in)			
height	8.75	8.75	8.75
width	19	19	19
depth	19.6	19.6	24
weight (lbs)	58	58	63
Tape threading	auto	auto	auto
Tape buffer			
Max. cable length(ft)	20	20	20
Power requirements	115/220 vac	115/240 vac	115/220 vac
Pricing unit cartridge	\$5,700 (100) \$ 90	\$7,200 (100) \$ 90	

HELICAL SCAN TAPE

MODEL:	MEGATAPE GT-88	EXABYTE EXB-8200	GIGATAPE GIGA-1200
Evaluated at Zetaco	yes	no	no
Formatted capacity	2000 mb	2000 mb	1200 mb
Interface	pertec	scsi	scsi/pertec
Stream or start/stop	s	s	s
Embedded formatter	yes	yes	yes
Recording density	43,200 bpi	43,200 bpi	61,000 bpi
Tape speed (ips)	.429 (150)	.429 (150)	.32 (124)
rewind	32	32	
search	4	4	
Tracks	stripes	stripes	stripes-2 hds
Cache memory (KB)	256	256	512
Transfer rate (kb/s)	246	246	192
Reel size (in)	8 mm cart.	8 mm cart.	4 mm cart.
Dimensions (in)			
height	3.25	3.25	
width	5.75	5.75	
depth	8.00	8.00	
weight (lbs)	4.5	4.5	11
Tape threading	auto	auto	auto
Max. cable length(ft)			
Power requirements	+5,+12 vdc	+5,+12 vdc	100/240 vac 65 watts
Pricing			
unit		\$2,830 (100)	
cartridge		\$ 32	