

MAGNETIC DISK DRIVES:

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

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

Century Data

MODEL:	7110 Arapahoe	7110S	7130S	7130 Tomahawk
Evaluated at Zetaco	yes	no	no	no
Unformatted capacity	26/26 mb			80.9/26.9 mb
Formatted cap.	21/21 mb	41.1mb	82.2mb	63/21 mb
Interface	smd	scsi	scsi	smd
Data transfer rate	1.2 mb/sec.	1.2 mb/sec	1.2 mb/sec	1.2 mb/sec
Disk diameter	8 "	8"	8"	8 "
Fixed/removeable	f/r	f/r	f/r	f/r
No. of heads	2/2	2/2	2/6	2/6
No. of cylinders	642	642	644	644
Bytes per track	20,928	16,384	16,384	20,928
Max. sectors	32 fixed	32 fixed	32 fixed	32 fixed
Single track seek	10 msec	10 msec	10 msec	10 msec
Average seek	35 msec	29 msec	25 msec	25 msec
Max. seek	55 msec	55 msec	55 msec	55 msec
Rotational speed	3567 rpm	3567 rpm	3522.9 rpm	3522.9 rpm
Avg. latency	8.4 msec	8.4 msec	8.5 msec	8.5 msec
Recording density	10,000 bpi	10,000 bpi	10,986 bpi	10,986 bpi
Track density	550 tpi	550 tpi	550 tpi	555 tpi
Start time	50 sec	50 sec	<110 sec	< 110 sec
Stop time	10 sec	10 sec	< 30 sec	< 30 sec
Height	4.63 in	4.63 in	5.38 in	5.38 in
Width	8.55 in	8.55 in	8.55 in	8.55 in
Depth	14.00 in	14.00 in	14.0 in	14.0 in
Weight	23 lbs	23 lbs	27.2 lbs	27.2 lbs
Power requirements	+24,-12, +5,-5.2 vdc	+24,-12 +5,-5.2 vdc	+24,-12, +5,-5.2 vdc	+24,-12 +5,-5.2 vdc

CENTURY DATA

MODEL:	AMS 571	AMS 315	AMS 513
Evaluated at Zetaco	yes	yes	yes
Unformatted capacity	590/615 mb	315 mb	513 mb
Formatted cap.	192/192/96 MB	277 mb	192/192/50 mb
Interface	smd	smd	smd
Data transfer rate	1.9 mb/sec	1.2 mb/sec	1.2 mb/sec
Disk diameter	14"	14"	14"
Fixed/removeable	fixed	fixed	fixed
No. of heads	19	19	19
No. of cylinders	941/981	823/845	823/845
Bytes per track	33,012	20,160	32,000
Max. sectors	56 variable	35 variable	55 variable
Single track seek	4 msec	6 msec	6 msec
Average seek	19 msec	25 msec	25 msec
Max. seek	38 msec	50 msec	50 msec
Rotational speed	3600 rpm	3600 rpm	2400 rpm
Avg. latency	8.3 msec	8.3 msec	12.5 msec
Recording density	10,295 bpi	6363 bpi	10,000 bpi
Track density	800 tpi	712 tpi	712 tpi
Start time		25 sec	25 sec
Stop time		30 sec	30 sec
Height	9.0 in	10.5 in	10.5 in
Width	8.5 in	19 in	19 in
Depth	28 in	30 in	30 in
Weight	115 lbs	115 lbs	115 lbs
Power requirements	115 60 hz 220/240 50hz	110/115 60hz 100/250 50hz	110/115 60hz 100/250 50hz

CENTURY DATA

MODEL:	C2800	C2400	C2476	C2600
Evaluated at Zetaco	no	no	yes	no
Unformatted capacity	689/830	344/408	474	515/613
Formatted cap.		192/96/50 mb	192/192 mb	192/192/96 mb
Interface	smd	smd	smd	smd
Data transfer rate	2.4 mb/sec.	1.2 ms/sec	1.8 mb/sec	1.8 mb/sec
Disk diameter	8"	8"	8"	8"
Fixed/removeable	fixed	fixed	fixed	fixed
No. of heads	24	24	20	24
No. of cylinders	845	711/845	842/845	711/845
Bytes per track	40,960	20,160	28,160	30,240
Max. sectors		35 variable	48 variable	52 variable
Single track seek	3.5 msec	3.5 msec	3.5 msec	3.5 msec
Average seek	15 msec	15 msec	15 msec	15 msec
Max. seek	28 msec	28 msec	28 msec	28 msec
Rotational speed	3600 rpm	3600 rpm	3961 rpm	3600 rpm
Avg. latency	8.3 msec	8.3 msec	7.5 msec	8.3 msec
Recording density	21,382 bpi	9,500 bpi	17,900 bpi	19,200 bpi
Track density	1,400 bpi	960 tpi	1,143 tpi	1,143 tpi
Start time				
Stop time				
Height	9.0 in	9.0 in	9.0 in	9.0 in
Width	8.5 in	8.5 in	8.5 in	8.5 in
Depth	27.24 in	27.24 in	27.24 in	27.24 in
Weight	65 lbs	65 lbs	65 lbs	65 lbs
Power requirements	100/115 60hz 200/240 50hz	100/115 60hz 100/240 50hz	100/115 60hz 200/240 50hz	100/115 60hz 200/240 50hz

CONTROL DATA

MODEL:	FSD 9715-300	FSD 9715-340	FSD 9715-500	RSD 9710
Evaluated at Zetaco	yes	yes	yes	yes
Unformatted capacity	315 mb	344 mb	516 mb	92.9 mb
Formatted cap.	277 mb	277 mb	192/192 mb	73 mb
Interface	smd	smd	smd	smd
Data transfer rate	1.2 mb/sec.	1.2 mb/sec	1.8 mb/sec	1.2 mb/sec
Disk diameter	9"	9"	9"	9"
Fixed/removeable	fixed	fixed	fixed	removable
No. of heads	19	24	24	5
No. of cylinders	823	711	711	823
Bytes per track	20,160	20,160	30,240	20,160
Max. sectors	35 variable	35 variable	52 variable	35 variable
Single track seek	5 msec	5 msec	5 msec	7 msec
Average seek	18 msec	18 msec	18 msec	27 msec
Max. seek	45 msec	45 msec	45 msec	55 msec
Rotational speed	3600 rpm	3600 rpm	3600 rpm	3600 rpm
Avg. latency	8.3 msec	8.3 msec	8.3 msec	8.3 msec
Recording density		9,492 bpi	15,159 bpi	10,000 bpi
Track density		960 tpi	960 tpi	550 tpi
Start time	10 sec	10 sec	10 sec	60 sec
Stop time	6 sec	6 sec	6 sec	25 sec
Height	10.2 in	10.2 in	10.2 in	10.2 in
Width	8.5 in	8.5 in	8.5 in	8.5 in
Depth	29.8 in	29.8 in	29.8 in	29.8 in
Weight	82 lbs	82 lbs	82 lbs	72 lbs
Power requirements	100/240 60hz 100/240 50hz	100/240 60hz 100/240 50hz	100/240 60hz 100/240 50hz	100/240 60hz 100/240 50hz

CONTROL DATA

MODEL: Sabre Series	EMD 9720-368	EMD 9720-500	EMD 9720-850	EMD 9720-1230
Evaluated at Zetaco	yes	yes	yes	yes
Unformatted capacity	368 mb	500 mb	851 mb	1236 mb
Formatted cap.				
Interface	smd/scsi	smd/scsi	smd/scsi	smd/scsi
Data transfer rate	1.8 mb/sec.	2.4 mb/sec	2.4 mb/sec	3.0 mb/sec
Disk diameter	8"	8"	8"	8"
Fixed/removeable	fixed	fixed	fixed	fixed
No. of heads	10	10	15	15
No. of cylinders	1217	1217	1381	1635
Bytes per track	30,240	41,088	41,088	50,400
Max. sectors				
Single track seek	5 msec	5 msec	5 msec	5 msec
Average seek	18 msec	18 msec	16 msec	16 msec
Max. seek	35 msec	35 msec	30 msec	30 msec
Rotational speed	3600 rpm	3600 rpm	3600 rpm	3600 rpm
Avg. latency	8.3 msec	8.3 msec	8.3 msec	8.3 msec
Recording density	15,185 bpi	19,816 bpi	19,816 bpi	25,264 bpi
Track density	960 tpi	960 tpi	1089 tpi	1289 tpi
Start time				
Stop time				
Height	4.75 in	4.75 in	4.75 in	4.75 in
Width	8.5 in	8.5 in	8.5 in	8.5 in
Depth	14.7 in	14.7 in	14.7 in	14.7 in
Weight	28 lbs	28 lbs	32 lbs	32 lbs
Power requirements	+5, -5, -12, +24 85W	+5, -5, -12, +24 85W	+5, -5, -12, +24 95W	+5, -5, -12, +24 95W

CONTROL DATA

MODEL: Sabre Series 2 HP 1150

Evaluated at Zetaco	no
Unformatted capacity	1154 mb
Formatted cap.	
Available	now
Interface	IPI-2
Data transfer rate	6.0 mb/sec.
Disk diameter	8"
Fixed/removeable	fixed
No. of heads	14
No. of cylinders	1635
Bytes per track	108,000
Max. sectors	
Single track seek	5 msec
Average seek	16 msec
Max. seek	30 msec
Rotational speed	3600 rpm
Avg. latency	8.3 msec
Recording density	25,264 bpi
Track density	1,289 tpi
Start time	
Stop time	
Height	4.75 in
Width	8.5 in
Depth	14.7 in
Weight	32 lbs
Power requirements	+5, -5, -12, +24 100W

CONTROL DATA

MODEL:	WREN IV 94171	WREN V 94181	WREN RUNNER 94181-385H	WREN VI 94191
Evaluated at Zetaco	yes	yes	yes	no
Unformatted capacity	376 mb	702 mb	385 mb	766 MB
Formatted cap.	327 mb	601 mb	330 mb	
Available	now	now	now	Q2,89
Interface	scsi	scsi	scsi	scsi
Data transfer rate	9-15 mhz	9-15 mhz	9-15 mhz	15 mhz
Disk diameter	5.25"	5.25"	5.25"	5.25"
Fixed/removeable	fixed	fixed	fixed	fixed
No. of heads	9	15	15	15
No. of cylinders				
Bytes per track				
Max. sectors				
Single track seek	5 msec	5 msec	4 msec	5 msec
Average seek	16.5 msec	16 msec	10.7 msec	16.5 msec
Max. seek	30 msec	30 msec		30 msec
Rotational speed	3600 rpm	3600 rpm	3600 rpm	3600 rpm
Avg. latency	8.3 msec	8.3 msec	8.3 msec	8.3 msec
Recording density			25,600 bpi	
Track density			1,280 tpi	
Start time				
Stop time				
Height	3.25 in	3.25 in	3.25 in	3.25 in
Width	5.75 in	5.75 in	5.75 in	5.75 in
Depth	8 in	8 in	8 in	8 in
Weight	7.2 lbs	8 lbs	8 lbs	8 lbs
Power requirements	+5,+12 30 watts	+5,+12 27 watts	+5,+12 26 watts	+5,+12 27 watts

CONTROL DATA

MODEL: WREN VII
94601-12G

Evaluated at Zetaco	no			
Unformatted capacity	1200 MB			
Formatted cap.				
Available	Q4,89			
Interface	scsi			
Data transfer rate	15-21mhz			
Disk diameter	5.25"			
Fixed/removeable	fixed			
No. of heads	15			
No. of cylinders				
Bytes per track				
Max. sectors				
Single track seek	5 msec			
Average seek	16.5 msec			
Max. seek	30 msec			
Rotational speed	3600 rpm			
Avg. latency	8.3 msec			
Recording density				
Track density				
Start time				
Stop time				
Height	3.25 in			
Width	5.75 in			
Depth	8 in			
Weight	8 lbs			
Power requirements	+5,+12 26 watts			

CONTROL DATA

MODEL:	SWIFT 94351-172	SWIFT 94351-134
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Evaluated at Zetaco	no	no
Unformatted capacity	200 mb	155 mb
Formatted cap.	172 mb	134 mb
Available		
Interface	scsi	scsi
Data transfer rate	10 mhz	10 mhz
Disk diameter	3.5 "	3.5 "
Fixed/removeable	fixed	fixed
No. of heads	9	7
No. of cylinders		
Bytes per track		
Max. sectors		
Single track seek		
Average seek	15 msec	15 msec
Max. seek		
Rotational speed	3600 rpm	3600 rpm
Avg. latency	8.3 msec	8.3 msec
Recording density		
Track density		
Start time		
Stop time		
Height	1.625 in	1.625 in
Width	4 in	4 in
Depth	5.75 in	5.75 in
Weight	2 lbs	2 lbs
Power requirements	+5,+12 10 watts	+5,+12 10 watts

DATA GENERAL

MODEL:	KISMET 6161	ARGUS 6236	ARGUS 6239	ARGUS
Evaluated at Zetaco	no	no	no	no
Unformatted capacity	160 mb			
Formatted cap.	147 mb	354 mb	592 mb	862 mb
Available	now	now	now	now
Interface	smd	DG unique	DG unique	DG unique
Data transfer rate	1.2 mb/s	1.68 mb/s	2.2 mb/s	2.3 mb/s
Disk diameter	14"	14"	14"	14"
Fixed/removeable	fixed	fixed	fixed	fixed
No. of heads	10	16	16	
No. of cylinders	823	789	980	
Bytes per track	20,160	28,672	38,400	
Max. sectors	35	56	75	
Single track seek	6 msec	5 msec	5 msec	
Average seek	30 msec	20 msec	21 msec	
Max. seek	55 msec	35 msec	37.5 msec	
Rotational speed	3600 rpm	3000 rpm	2944 rpm	
Avg. latency	8.3 msec	10 msec	10.1 msec	
Recording density	6,038 bpi	10,438 bpi	13,909 bpi	
Track density	384 tpi	714 tpi	800 tpi	
Start time		35 sec	35 sec	35 sec
Stop time				
Height	10.5 in	10.5 in	10.5 in	
Width	19.0 in	19 in	19 in	
Depth	30.0 in	28 in	28 in	
Weight	160 lbs	135 lbs	135 lbs	
Power requirements	120/240 vac	100/240 vac 600 watts	100/240 vac 600 watts	

DATA GENERAL

MODEL:	CSS 6446 Maxtor 3000S	CSS 6446 Maxtor 4000S	CSS 6492 CDC 850 mb	RAMS 6581 6581
Evaluated at Zetaco	yes	no	no	no
Unformatted capacity	280 mb	410 mb	850 mb	
Formatted cap.	234 mb	322 mb	592 mb	500 mb
Available	now	now	now	now
Interface	scsi	scsi	scsi	DG unique
Data transfer rate	.8 mb/s	1.2 mb/s	2.4 mb/s	2.67 mb/s
Disk diameter	5.25"	5.25"	8"	8"
Fixed/removeable	fixed	fixed	fixed	fixed
No. of heads	15	15	15	12
No. of cylinders	1224	1224	1381	1545
Bytes per track	13,312	20,940	41,088	
Max. sectors		36		54
Single track seek	4 msec	2.5 msec	5 msec	2.4 msec
Average seek	30 msec	16 msec	16 msec	16 msec
Max. seek	54 msec	29 msec	30 msec	33 msec
Rotational speed	3600 rpm	3600 rpm	3600 rpm	4630 rpm
Avg. latency	8.3 msec	8.3 msec	8.3 msec	6.5 msec
Recording density	16,732 bpi	21,064 bpi	19,816 bpi	
Track density	1,070 tpi	1,070 tpi	1,089 tpi	
Start time				
Stop time				
Height	3.25 in	3.25 in	4.75 in	7 in
Width	5.75 in	5.75 in	8.5 in	8.5 in
Depth	8.20 in	8.20 in	14.7 in	27.4 in
Weight	6.3 lbs	7.1 lbs	32 lbs	
Power requirements	+12,+5 vdc 30 watts	+12,+5 vdc 30 watts	+5,-5,-12 +24 vdc(145)	120/240 vac 360 watts

FUJITSU AMERICA

MODEL:	M2246	M2249	M2263
Evaluated at Zetaco			
Unformatted capacity	172 mb	389 mb	778 mb
Formatted cap.			
Interface	esdi/scsi	esdi/scsi	esdi/scsi
Available	now	now	
Data transfer rate	2.5 mb/sec.	2.5 mb/sec	4.0 mb/sec
Disk diameter	5.25 "	5.25 "	5.25"
Fixed/removeable	fixed	fixed	fixed
No. of heads	10	15	15
No. of cylinders	823	1,243	1,658
Bytes per track	20,864	20,864	31,296
Max. sectors			
Single track seek	5 msec	4 msec	4 msec
Average seek	25 msec	18 msec	16 msec
Max. seek	50 msec	35 msec	30 msec
Rotational speed	3600 rpm	3600 rpm	3600 rpm
Avg. latency	8.3 msec	8.3 msec	8.3 msec
Recording density			
Track density			
Start time			
Stop time			
Height	3.3 in	3.3 in	3.3 in
Width	5.7 in	5.7 in	5.7 in
Depth	8.0 in	8.0 in	8.0 in
Weight	6.6 lbs	7.7 lbs	7.7 lbs
Power requirements	+5 vdc 38 watts	+5 vdc 38 watts	+5 vdc 38 watts

FUJITSU AMERICA

MODEL:	M2322	M2333	M2344	M2372
Evaluated at Zetaco	yes	yes		
Unformatted capacity	168.6 mb	337.0 mb	690.1 mb	823.9 mb
Formatted cap.	147 mb	277 mb		
Interface	smd	smd/scsi	smd	smd
Available	now	now	now	now
Data transfer rate	1.2 mb/sec.	2.4 mb/sec	2.4 mb/sec	2.4 mb/sec
Disk diameter	8 "	8 "	8 "	8 "
Fixed/removeable	fixed	fixed	fixed	fixed
No. of heads	10	10	27	27
No. of cylinders	823	823	624	745
Bytes per track	20,480	40,960	40,960	40,960
Max. sectors	35 variable	70 variable	70 variable	70 variable
Single track seek	5 msec	5 msec	4 msec	4 msec
Average seek	20 msec	20 msec	16 msec	16 msec
Max. seek	40 msec	40 msec	33 msec	33 msec
Rotational speed	3600 rpm	3600 rpm	3600 rpm	3600 rpm
Avg. latency	8.3 msec	8.3 msec	8.3 msec	8.3 msec
Recording density	9,867 bpi	19,734 bpi	20,773 bpi	20,766 bpi
Track density	683 tpi	683 tpi	1,046 bpi	1,193 bpi
Start time	<50 sec	<50 sec	<50 sec	<50sec
Stop time	<40 sec	<40 sec	< 40 sec	<40 sec
Height	5.0 in	5.0 in	5.0 in	5.0 in
Width	8.5 in	8.5 in	8.5 in	8.5 in
Depth	15.0 in	15.0 in	15.0 in	15.0 in
Weight	30 lbs	31 lbs	38 lbs	38 lbs
Power requirements	+24,+5,-5 -12 vdc	+24,+5,-5 -12 vdc	+24,+5,-5 -12 vdc	+24,+5,-5 -12 vdc

FUJITSU AMERICA

MODEL:	M2333P	M2382P	M2380A
Evaluated at Zetaco			
Unformatted capacity	377 mb	1000 mb	889 mb
Formatted cap.			
Interface	ipi-2	ipi-2	parallel
Available	now	now	Q2,89
Data transfer rate	2.4 mb/sec.	3.0 mb/sec	18 mb/sec
Disk diameter	8 "	8 "	8 "
Fixed/removeable	fixed	fixed	fixed
No. of heads	10	27	27
No. of cylinders	823	745	745
Bytes per track	40,960	49,728	49,728
Max. sectors			
Single track seek	5 msec	4 msec	4 msec
Average seek	20 msec	16 msec	16 msec
Max. seek	40 msec	33 msec	33 msec
Rotational speed	3600 rpm	3636 rpm	3620 rpm
Avg. latency	8.3 msec	8.25 msec	8.3 msec
Recording density	19,734 bpi	25,211 bpi	25,211 bpi
Track density	683 tpi	1,193 tpi	1,193 tpi
Start time	<50 sec	<50 sec	<50 sec
Stop time	<40 sec	<40 sec	<40 sec
Height	5.0 in	5.0 in	7.0 in
Width	8.5 in	8.5 in	8.5 in
Depth	15.0 in	15 in	28 in
Weight	31 lbs	39 lbs	51 lbs
Power requirements	+24,+5,-5 -12 vdc	+24,+5,-5 -12 vdc	100/240 vac 50/60 hz

FUJITSU AMERICA

MODEL:	M2351	M2361	M2350	M2360
Evaluated at Zetaco	yes	yes	no	no
Unformatted capacity	474 mb	689 mb	474 mb	689 mb
Formatted cap.	192/192 mb	277/277 mb		
Interface	smd	smd	parallel	parallel
Available	now	now	now	now
Data transfer rate	1.8 mb/sec.	2.4 mb/sec	1.8-9.3 mb/s	1.8-12.5 mb/s
Disk diameter	10.5 "	10.5 "	10.5 in	10.5 in
Fixed/removeable	fixed	fixed	fixed	fixed
No. of heads	20	20	20,5,4	20,5,4
No. of cylinders	842	842	841	841
Bytes per track	28,160	40,960	28,160	40,960
Max. sectors	48 variable	70 variable		
Single track seek	5 msec	5 msec	5 msec	5 msec
Average seek	18 msec	18 msec	18 msec	18 msec
Max. seek	35 msec	35 msec	35 msec	35 msec
Rotational speed	3961 rpm	3600 rpm	3961 rpm	3672 rpm
Avg. latency	7.58 msec	8.3 msec	7.58 msec	8.17 msec
Recording density	12,790 bpi	18,620 bpi	12,790 bpi	18,620 bpi
Track density	880 tpi	880 tpi	880 tpi	880 tpi
Start time	<40 sec	<40 sec	<40 sec	<40 sec
Stop time	<15 sec	<15 sec	<15 sec	<15 sec
Height	10.4 in	10.4 in	14 in	14 in
Width	19.0 in	19.0 in	19 in	19 in
Depth	27.6 in	30.3 in	27 in	27 in
Weight	132 lbs	179 lbs	187 lbs	187 lbs
Power requirements	120 60hz 100/240 50hz	120 60hz 100/240 50hz	100-240 vac 50-60 hz	100-240 vac 50-60 hz

HEWLETT PACKARD

MODEL: HP97530D

Evaluated at Zetaco	no
Unformatted capacity	408
Formatted cap.	323
Interface	scsi
Available	now
Data transfer rate	4 mb/sec
Disk diameter	5.25 "
Fixed/removeable	fixed
No. of heads	12
No. of cylinders	1643
Bytes per track	20,480
Max. sectors	
Single track seek	3.5 msec
Average seek	17.5 msec
Max. seek	34 msec
Rotational speed	3350 rpm
Avg. latency	8.96 msec
Recording density	20,500 bpi
Track density	1,590 tpi
Start time	
Stop time	
Height	3.25 in
Width	5.75 in
Depth	8.0 in
Weight	10 lbs
Power requirements	+5,-12 vdc 31 watts

HITACHI

MODEL:	DK814S-17	DK814S-24	DK814S-34	DK711S
Evaluated at Zetaco	no	no	no	no
Unformatted capacity	170.0 mb	238.0 mb	340.0 mb	600 mb
Formatted cap.	147 mb	192 mb	277 mb	
Interface	smd	smd	smd	smd
Data transfer rate	1.8 mb/sec.	1.8 mb/sec	1.8 mb/sec	2.4 mb/sec
Disk diameter	8 "	8 "	8 "	5.25"/8" form
Fixed/removeable	fixed	fixed	fixed	fixed
No. of heads	5	7	10	22
No. of cylinders	823	823	823	903
Bytes per track	41,312	41,312	41,312	30,240
Max. sectors	70 variable	70 variable	70 variable	
Single track seek	5 msec	5 msec	5 msec	3 msec
Average seek	20 msec	20 msec	20 msec	12 msec
Max. seek	40 msec	40 msec	40 msec	25 msec
Rotational speed	2,632 rpm	2,632 rpm	2,632 rpm	4876 rpm
Avg. latency	11.4 msec	11.4 msec	11.4 msec	6.15 msec
Recording density	18,500 bpi	18,500 bpi	18,500 bpi	26,000 bpi
Track density	800 tpi	800 tpi	800 tpi	1,033 tpi
Start time				
Stop time				
Height	5.12 in	5.12 in	5.12 in	
Width	8.55 in	8.55 in	8.55 in	
Depth	15.0 in	15.0 in	15.0 in	
Weight	33.0 lbs	33.0 lbs	33.0 lbs	
Power requirements	+24,+5, -12 vdc	+24,+5 -12 vdc	+24,+5 -12 vdc	

HITACHI

MODEL:	DK815-5	DK815-10	DK514-38
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Evaluated at Zetaco	no	no	no
Unformatted capacity	525 mb	1,050 mb	382.0 mb
Formatted cap.			
Interface	smd	smd	smd/scsi
Data transfer rate	1.8 mb/sec.	2.4 mb/sec	1.8 mb/sec
Disk diameter	9 "	9 "	5.25"
Fixed/removeable	fixed	fixed	fixed
No. of heads	14	15	
No. of cylinders	1,241	1,737	
Bytes per track	30,240	40,320	
Max. sectors			
Single track seek	5 msec	3 msec	
Average seek	18 msec	15 msec	16 msec
Max. seek	37 msec	30 msec	
Rotational speed	3,600 rpm	3,600 rpm	
Avg. latency	8.3 msec	8.3 msec	
Recording density	14,600 bpi	20,000 bpi	
Track density	860 tpi	1,160 tpi	
Start time			
Stop time			
Height	10.2 in	10.2 in	
Width	8.5 in	8.5 in	
Depth	20.0 in	21.7 in	
Weight	69.0 lbs	75.0 lbs	
Power requirements	p.s. optional	p.s. optional	

MAXTOR

MODEL:	XT-4380S	XT-8380S	XT-8760S
Evaluated at Zetaco	no	no	no
Unformatted capacity	380 mb	380 mb	760 mb
Formatted cap.	338 mb	360 mb	676 mb
Interface	scsi	scsi	scsi
Data transfer rate	1.2 mb/sec.	1.8 mb/sec	1.8 mb/sec
Disk diameter	5.25 "	5.25"	5.25"
Fixed/removeable	fixed	fixed	fixed
No. of heads	15	8	15
No. of cylinders	1,224	1,632	1,632
Bytes per track	18,432	27,648	27,648
Max. sectors	36	54	54
Single track seek	2.5 msec	2.5 msec	2.5 msec
Average seek	16 msec	14.5 msec	16.5 msec
Max. seek	29 msec	29 msec	30 msec
Rotational speed	3,600 rpm	3,600 rpm	3,600 rpm
Avg. latency	8.3 msec	8.3 msec	8.3 msec
Recording density	21,064 bpi	21,064 bpi	21,064 bpi
Track density	1,070 tpi	1,376 tpi	1,376 tpi
Start time			
Stop time			
Height	3.25 in	3.25 in	3.25 in
Width	5.75 in	5.75 in	5.75 in
Depth	8.2 in	8.2 in	8.2 in
Weight	7.1 lbs	7.1 lbs	7.1 lbs
Power requirements	+12,+5 vdc 30 watts	+12,+5 vdc 30 watts	+12,+5 vdc 30 watts

MICROPOLIS

MODEL:	1578-15	1588-15S	1674-70S
Evaluated at Zetaco	no	no	no
Unformatted capacity	382 mb	765 mb	182 mb
Formatted cap.	332 mb	668 mb	158 mb
Interface	scsi	scsi	scsi
Data transfer rate	1.6(A)/4.0(S)	1.6(A)/4.0(S)	1.6(A)/4.0(S)
Disk diameter	5.25 "	5.25"	5.25"
Fixed/removeable	fixed	fixed	fixed
No. of heads	15	15	7
No. of cylinders	1,224	1,632	1,249
Bytes per track	20,832	31,250	20,832
Max. sectors	36	54	36
Single track seek	4.0 msec	2.0 msec	4.0 msec
Average seek	18 msec	16.0 msec	16.0 msec
Max. seek	40 msec	35 msec	37 msec
Rotational speed	3,600 rpm	3,600 rpm	3,600 rpm
Avg. latency	8.3 msec	8.3 msec	8.3 msec
Recording density			
Track density			
Start time			
Stop time			
Height	3.25 in	3.25 in	1.625 in
Width	5.75 in	5.75 in	5.75 in
Depth	8.0 in	8.0 in	8.0 in
Weight	8.4 lbs	8.4 lbs	5.0 lbs
Power requirements	+12,+5 vdc 31 watts	+12,+5 vdc 31 watts	+12,+5 vdc 20 watts

MINISCRIBE

MODEL: 9380S

Evaluated at Zetaco	no
Unformatted capacity	382 mb
Formatted cap.	347 mb
Interface	scsi
Data transfer rate	10 mhz
Disk diameter	5.25 "
Fixed/removeable	fixed
No. of heads	15
No. of cylinders	1,224
Bytes per track	20,832
Max. sectors	36
Single track seek	3.0 msec
Average seek	16 msec
Max. seek	35 msec
Rotational speed	3,600 rpm
Avg. latency	8.3 msecc
Recording density	20,388 bpi
Track density	1,100 tpi
Start time	
Stop time	
Height	3.25 in
Width	5.75 in
Depth	8.0 in
Weight	6.0 lbs
Power requirements	+12,+5 vdc 22 watts

NEC
INFORMATION SYSTEMS INC

MODEL:	D2246	D2247	D2257	D2268H
Evaluated at Zetaco	yes	yes	yes	no
Unformatted capacity	85.0 mb	82.9/104.8mb	167.7 mb	337 mb
Formatted cap.	73 mb	73 mb	96/50 mb	
Interface	smd	smd	smd	smd
Data transfer rate	1.2 mb/sec.	1.2 mb/sec	1.2 mb/sec	1.8 mb/sec
Disk diameter	8 "	8 "	8 "	8 "
Fixed/removeable	fixed	fixed	fixed	fixed
No. of heads	6	5	8	10
No. of cylinders	692	823/1024	1024	823
Bytes per track	20,480	20,160	20,480	40,960
Max. sectors	35 variable	35 variable	35 variable	70 variable
Single track seek	7 msec	5 msec	5 msec	5 msec
Average seek	25 msec	18.5/20msec	20 msec	20 msec
Max. seek	50 msec	35/40 msec	40 msec	40 msec
Rotational speed	3,510 rpm	3,600 rpm	3,510 rpm	2,720 rpm
Avg. latency	8.55 msec	8.33 msec	8.33 msec	11.0 msec
Recording density	9,040 bpi	8,670 bpi	9,420 bpi	18,900 bpi
Track density	720 tpi	960 tpi	960 tpi	780 tpi
Start time	30 sec	35 sec	35 sec	30 sec
Stop time	20 sec	25 sec	25 sec	25 sec
Height	5.5 in	5.5 in	5.5 in	5.5 in
Width	8.6 in	8.6 in	8.6 in	8.6 in
Depth	16.5 in	16.5 in	16.5 in	16.5 in
Weight	26.0 lbs	26.0 lbs	26.0 lbs	32 lbs
Power requirements	+24,+5,-12 -5,+12 vdc	+24,+5,-12 -5,+12 vdc	+24,+5,-12 -5,+12 vdc	+24,+5,-12 -5,+12 vdc

NEC
INFORMATION SYSTEMS INC.

MODEL:	D2362	D2352/66	D2363/67	D2372/76
Evaluated at Zetaco	no	yes	no	no
Unformatted capacity	520 mb	337 mb	1,132 mb	1,205 mb
Formatted cap.	604/73 mb	192/192/50 mb		
Interface	smd/ipi	smd	smd/ipi	smd/ipi
Data transfer rate	2.4 mb/sec.	1.8 mb/sec	2.4 mb/sec	3.0 mb/sec
Disk diameter	9 "	9"	9"	9"
Fixed/removeable	fixed	fixed	fixed	fixed
No. of heads	23	19	27	23
No. of cylinders	850	760	1,024	1,024
Bytes per track	40,960	36,288	40,960	51,200
Max. sectors	70 variable	62 variable	70 variable	
Single track seek	4 msec	4 msec	4 msec	4 msec
Average seek	15 msec	15 msec	15 msec	15 msec
Max. seek	25 msec	25 msec	25 msec	25 msec
Rotational speed	3,600 rpm	3,070 rpm	3,600 rpm	3,600 rpm
Avg. latency	8.33 msec	9.77 msec	8.3 msec	8.3 msec
Recording density	21,400 bpi	18,600 bpi	21,400 bpi	26,800 bpi
Track density	1070 tpi	1,000 tpi	1,280 tpi	1,280 tpi
Start time				
Stop time				
Height	10.2 in	10.2 in	10.2 in	10.2 in
Width	8.50 in	8.5 in	8.5 in	8.5 in
Depth	29.1 in	29.9 in	29.1 in	29.1 in
Weight	81.5 lbs	121 lbs		
Power requirements	p.s. optional	p.s. optional	p.s. optional	p.s. optional

MODEL:	D5852	D5862		
Evaluated at Zetaco	no	no		
Unformatted capacity	172 mb	337 mb		
Formatted cap.	147 mb			
Interface	scsi	scsi		
Data transfer rate	1.25 mb/sec			
Disk diameter	5.25 "	5.25 "		
Fixed/removeable	fixed	fixed		
No. of heads	10			
No. of cylinders	823			
Bytes per track	20,992			
Max. sectors				
Single track seek	5 msec			
Average seek	23 msec			
Max. seek	45 msec			
Rotational speed	3,573 rpm			
Avg. latency	8.4 msec			
Recording density	18,759 bpi			
Track density	725 tpi			
Start time	25 sec			
Stop time	25 sec			
Height	3.25 in	3.25 in		
Width	5.75 in	5.75 in		
Depth	8.2 in	8.2 in		
Weight	7.7 lbs			
Power requirements	+12,+5 vdc	+12,+5 vdc		

PRIAM

MODEL:	806	807	808
Evaluated at Zetaco	yes	yes	no
Unformatted capacity	227 mb	344 mb	516 mb
Formatted cap.	147 mb	277 mb	192/192/50mb
Interface	smd	smd	smd
Data transfer rate	1.2 mb/sec.	1.2 mb/sec	1.8 mb/sec
Disk diameter	8 "	8 "	8 "
Fixed/removeable	fixed	fixed	fixed
No. of heads	11	11	11
No. of cylinders	1,023	1,552	1,552
Bytes per track	20,160	20,160	30,240
Max. sectors	35 variable	35 variable	52 variable
Single track seek	5.0 msec	5.0 msec	5.0 msec
Average seek	20 msec	25 msec	25 msec
Max. seek	40 msec	50 msec	50 msec
Rotational speed	3,600 rpm	3,600 rpm	3,600 rpm
Avg. latency	8.33 msec	8.33 msec	8.33 msec
Recording density	9,157 bpi	12,096 bpi	18,144 bpi
Track density	1040 tpi	1040 tpi	1040 tpi
Start time	30 sec	30 sec	50 sec
Stop time	30 sec	30 sec	50 sec
Height	4.62 in	4.62 in	4.62 in
Width	8.55 in	8.55 in	8.55 in
Depth	14.2 in	14.2 in	14.2 in
Weight	25.0 lbs	25.0 lbs	25.0 lbs
Power requirements	+24,+5, -5, vdc	+24,+5,-5, vdc	+24,+5,-5, vdc

PRIAM

MODEL:	717	728	738
Evaluated at Zetaco	no	no	no
Unformatted capacity	178 mb	280 mb	382 mb
Formatted cap.	156 mb	246 mb	336 mb
Interface	scsi	scsi	scsi
Data transfer rate	1.2 mb/sec.	1.2 mb/sec	1.2 mb/sec
Disk diameter	5.25"	5.25"	5.25"
Fixed/removeable	fixed	fixed	fixed
No. of heads	7	11	15
No. of cylinders	1,225	1,225	1,225
Bytes per track	20,832	20,832	20,832
Max. sectors	36	36	36
Single track seek	5.0 msec	5.0 msec	5.0 msec
Average seek	20 msec	20 msec	20 msec
Max. seek	45 msec	45 msec	45 msec
Rotational speed	3,600 rpm	3,600 rpm	3,600 rpm
Avg. latency	8.33 msec	8.33 msec	8.33 msec
Recording density	21,848 bpi	21,848 bpi	21,848 bpi
Track density	1070 tpi	1070 tpi	1070 tpi
Start time			
Stop time			
Height	3.25 in	3.25 in	3.25 in
Width	5.75 in	5.75 in	5.75 in
Depth	8.00 in	8.00 in	8.00 in
Weight	7.00 lbs	7.00 lbs	7.00 lbs
Power requirements	+12,+5, vdc	+12,+5, vdc	+12,+5, vdc

PERTEC

MODEL:	DX332	DX368	DX375	DX548
Evaluated at Zetaco	yes	no	no	no
Unformatted capacity	332 mb	368 mb	375 mb	548 mb
Formatted cap.	147 mb	192 mb	277 mb	192/192/96 mb
Interface	smd/scsi/ipi	smd/ipi	smd/ipi	smd/ipi
Data transfer rate	1.2 mb/sec.	1.8 mb/sec	2.4 mb/sec	1.8 mb/sec
Disk diameter	8 "	8 "	8 "	8 "
Fixed/removeable	fixed	fixed	fixed	fixed
No. of heads	10	10	11	11
No. of cylinders	1649	1217	845	1649
Bytes per track	20,160	30,240	40,320	30,240
Max. sectors	35 variable			
Single track seek	4.0 msec	4.0 msec	4.0 msec	4.0 msec
Average seek	20 msec	20 msec	20 msec	20 msec
Max. seek	45 msec	35 msec	28 msec	45 msec
Rotational speed	3,600 rpm	3,600 rpm	3,600 rpm	3,600 rpm
Avg. latency	8.33 msec	8.33 msec	8.33 msec	8.33 msec
Recording density				
Track density	1,083 tpi	1,083 tpi	1,083 tpi	1,083 tpi
Start time				
Stop time				
Height	4.62 in	4.62 in	4.62 in	4.62 in
Width	8.55 in	8.55 in	8.55 in	8.55 in
Depth	16.0 in	16.0 in	16.0 in	16.0 in
Weight	30.0 lbs	30.0 lbs	30.0 lbs	30.0 lbs
Power requirements	+24, -24, +5, -5.2 vdc	+24, -24, +5 -5.2 vdc	+24, -24, +5 -5.2 vdc	+24, -24, +5 -5.2 vdc

PERTEC

MODEL: DX731

Evaluated at Zetaco	no			
Unformatted capacity	731 mb			
Formatted cap.				
Interface	smd			
Data transfer rate	2.4 mb/sec.			
Disk diameter	8 "			
Fixed/removeable	fixed			
No. of heads	11			
No. of cylinders	1,649			
Bytes per track	40,320			
Max. sectors				
Single track seek	4.0 msec			
Average seek	18 msec			
Max. seek	35 msec			
Rotational speed	3,600 rpm			
Avg. latency	8.33 msec			
Recording density				
Track density	1,083 tpi			
Start time				
Stop time				
Height	4.62 in			
Width	8.55 in			
Depth	16.0 in			
Weight	30.0 lbs			
Power requirements	+24, -24, +5, -5.2 vdc			

SIEMENS

MODEL:	2300	5720
Evaluated at Zetaco	no	no
Unformatted capacity	310 mb	777 mb
Formatted cap.	261	655 mb
Interface	scsi	scsi
Data transfer rate	1.2 mb/s	1.8 mb/s
Disk diameter	5.25"	5.25"
Fixed/removeable	fixed	fixed
No. of heads	12	15
No. of cylinders	1,216	
Bytes per track	21,280	31,616
Max. sectors		52
Single track seek	5.0 msec	
Average seek	25 msec	16 msec
Max. seek	50 msec	
Rotational speed	3,524 rpm	3,558 rpm
Avg. latency	8.50 msec	8.43 msec
Recording density	19,331 bpi	30,825 bpi
Track density	1,207 tpi	1,476 tpi
Start time		
Stop time		
Height	3.25 in	
Width	5.75 in	
Depth	8.00 in	
Weight	7.28 lbs	
Power requirements	+12,+5 vdc	+12,+5 vdc 30 watts

TOSHIBA

MODEL:	MK-186	MK-286FB	MK-388FA
Evaluated at Zetaco	yes	no	no
Unformatted capacity	165 mb	337 mb	720 mb
Formatted cap.	147 mb	277 mb	
Interface	smd	smd	
Data transfer rate	1.2 mb/sec.	2.4 mb/sec	2.4 mb/sec
Disk diameter	8 "	8 "	8 "
Fixed/removeable	fixed	fixed	fixed
No. of heads	10	10	
No. of cylinders	823	823	
Bytes per track	20,160	40,992	
Max. sectors	35 variable	70 variable	
Single track seek	5.0 msec	4.0 msec	4.0 msec
Average seek	20 msec	18 msec	18 msec
Max. seek	36 msec	34 msec	34 msec
Rotational speed	3,600 rpm	3600 rpm	
Avg. latency	8.33 msec	8.33 msec	
Recording density	9,000 bpi	18,900 bpi	
Track density	900 tpi	900 tpi	
Start time			
Stop time			
Height	5.1 in	5.1 in	
Width	8.5 in	8.5 in	
Depth	15.0 in	15.0 in	
Weight	33.0 lbs	33.0 lbs	
Power requirements	+24,-12, +5 vdc	+24,-12, +5 vdc	