



Hard Drive Specs For Z-100 Winchester PREP Utility

Drive:	Cap: (Megs)	Head:	Total Cyl:	Reduced WC Cyl:	Pre- Comp Cyl:	Step Rate:	Park Cyl:	Pwr:	Notes:
Ampex 5.25" MFM Drives Interface Type: ST506/ST412									
PYXIS-7	5	2	140h 320d	141h 321d	84h 132d	1	145h 325d		3, 6
PYXIS-13	10	4	140h 320d	141h 321d	84h 132d	1	145h 325d		3, 6
PYXIS-20	15	6	140h 320d	141h 321d	84h 132d	1	145h 325d		3, 6
PYXIS-27	20	8	140h 320d	141h 321d	84h 132d	1	145h 325d		3, 6
Atasi 5.25" MFM Drives Interface Type: ST506/ST412									
3020	17	3	285h 645d	286h 646d	140h 320d	1	28Ah 650d		
3033	28	5	285h 645d	286h 646d	140h 320d	1	28Ah 650d		
3046	39	7	285h 645d	286h 646d	140h 320d	1	28Ah 650d		
3051	43	7	2C0h 704d	2C1h 705d	15Eh 350d	1	2C6h 710d		
3053	44	7	2DDh 733d	2DEh 734d	2DEh 734d	1	2E4h 740d		
3075	67	8	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d		
3085	72	8	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d		
BASF 5.25" MFM Drives Interface Type: ST506/ST412									
6185	23	6	1B8h 440d	1B9h 441d	0DCh 220d	1	1BDh 445d		3, 6
6186	15	4	1B8h 440d	1B9h 441d	0DCh 220d	1	1BDh 445d		3, 6
6187	8	2	1B8h 440d	1B9h 441d	0DCh 220d	1	1BDh 445d		3, 6
6188	10	4	132h 306d	133h 307d	99h 153d	1	136h 310d		3, 5, 6
C.ITOH 5.25" MFM Drives Interface Type: ST506/ST412									
YD-3530	32	5	2DBh 731d	2DCh 732d	2DCh 732d	1	2DFh 735d		1, 6
YD-3540	45	7	2DBh 731d	2DCh 732d	2DCh 732d	1	2DFh 735d		1, 6
Cardiff Peripherals 3.5" MFM Drives Interface Type: ST506/ST412									
F-3053	44	5	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d		1, 5?
Control Data 5.25" MFM Drives Interface Type: ST506/ST412									
77731608	29	5	29Eh 670d	29Fh 671d	80h 128d	1	2A3h 675d		3
BJ7D5A									

Drive:	Cap: (Megs)	Heads:	Total Cyl:	Reduced WC Cyl:	Pre- Comp Cyl:	Step Rate:	Park Cyl:	Pwr:	Notes:
Control Data 5.25" MFM Drives - Continued:									
77731612	27	4	31Dh	31Eh	31Eh	1	320h		3
BJ7D5A			797d	798d	798d		800d		
77731613	30	5	2DDh	2DEh	80h	1	2DFh		3
BJ7D5A			733d	734d	128d		735d		
77731614	23	4	29Eh	29Fh	80h	1	2A3h		3
BJ7D5A			670d	671d	128d		675d		
94155-021 Wren2	18.2	3	2B9h	2BAh	2BAh	1	2BCh		3
			697d	698d	698d		700d		
94155-025 Wren2	24.3	4	2B9h	2BAh	2BAh	1	2BCh		3
			697d	698d	698d		700d		
94155-028 Wren2	24.3	4	2B9h	2BAh	2BAh	1	2BCh		3
			697d	698d	698d		700d		
94155-036 Wren2	30.3	5	2B9h	2BAh	2BAh	1	2BCh		3
			697d	698d	698d		700d		
94155-037 Wren2	32	4	39Dh	39Eh	39Eh	1	3A2h		3
			925d	926d	926d		930d		
94155-038 Wren2	31	5	2DDh	2DEh	2DEh	1	2DFh		3
			733d	734d	734d		735d		
94155-048 Wren2	40.3	5	39Dh	39Eh	39Eh	1	3A2h		3, 5
			925d	926d	926d		930d		
94155-051 Wren2	43	5	3DDh	3DEh	3DEh	1	3E3h		3
			989d	990d	990d		995d		
94155-057 Wren2	48.3	6	39Dh	39Eh	39Eh	1	3A2h		3
			925d	926d	926d		930d		
94155-067 Wren2	56.4	7	39Dh	39Eh	39Eh	1	3A2h		3
			925d	926d	926d		930d		
94155-077 Wren2	64.4	8	39Dh	39Eh	39Eh	1	3A2h		3
			925d	926d	926d		930d		
94155-085 Wren2	71.3	8	400h	401h	401h	1	406h	28w	3, 5
			1024d	1025d	1025d		1030d		
94155-086 Wren2	72.5	9	39Dh	39Eh	39Eh	1	3A2h	28w	3, 5
			925d	926d	926d		930d		
94155-092 Wren2	77.5	9	3DDh	3DEh	3DEh	1	3E3h	28w	3, 5
			989d	990d	990d		995d		
94155-096 Wren2	80.2	9	400h	401h	401h	1	406h	28w	3, 5
			1024d	1025d	1025d		1030d		
94205-030 Wren2	25.8	3	3DDh	3DEh	3DEh	1	3E3h	18w	1, 5
			989d	990d	990d		995d		
94205-041 Wren2	34.4	4	3DDh	3DEh	3DEh	1	3E3h	18w	1, 5
			989d	990d	990d		995d		
94205-051 Wren2	43	5	3DDh	3DEh	3DEh	1	3E3h	18w	1, 5
			989d	990d	990d		995d		
94205-053 Wren2	44.6	5	400h	401h	401h	1	406h	18w	1, 5
			1024d	1025d	1025d		1030d		
94295-051 Wren2	43	5	3DDh	3DEh	3DEh	1	3E3h	18w	1, 5
			989d	990d	990d		995d		
Computer Memories 5.25" MFM Drives Interface Type: ST506/ST412									
CMI CM-3426	20	4	267h	268h	100h	1	26Ch		1
			615d	616d	256d		620d		
CMI CM-5205	4	2	100h	101h	80h	1	104h		3
			256d	257d	128d		260d		
CMI CM-5206	5	2	132h	133h	100h	1	135h		3
			306d	307d	256d		309d		
CMI CM-5410	8	4	100h	101h	80h	1	104h		3
			256d	257d	128d		260d		
CMI CM-5412	10	4	132h	133h	80h	1	135h	25w	3
			306d	307d	128d		309d		
CMI CM-5616	13	6	100h	101h	80h	1	104h		3
			256d	257d	128d		260d		
CMI CM-5619	15	6	132h	133h	80h	1	135h	25w	3
			306d	307d	128d		309d		
CMI CM-6213	11	2	280h	281h	100h	1	285h		3
			640d	641d	256d		645d		
CMI CM-6426	21	4	280h	281h	100h	1	285h		3
			640d	641d	256d		645d		

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Computer Memories 5.25" MFM Drives - Continued:									
CMI CM-6426S	21	4	267h 615d	268h 616d	12Ch 300d	1	26C 620d		3
CMI CM-6640	33	6	267h 615d	268h 616d	100h 256d	1	26C 620d		3
CMI CM-7660	50	6	3C0h 960d	3C1h 961d	1C2h 450d	1	3C5h 965d		3
CMI CM-7880	67	8	3C0h 960d	3C1h 961d	1C2h 450d	1	3C5h 965d		3
Core International 5.25" MFM Drives Interface Type: ST506/ST412									
AT-30	32	5	2DDh 733d	2DEh 734d	2DEh 734d	1	2DFh 735d		3
AT-32	32	5	2DDh 733d	2DEh 734d	2DEh 734d	1	2DFh 735d		1
AT-40	40	5	39Ch 924d	39Dh 925d	39Dh 925d	1	3A2h 930d		3
AT-63	42	5	3DCh 988d	3DDh 989d	3DDh 989d	1	3DEh 990d		3
AT-72		9	39Ch 924d	39Dh 925d	39Dh 925d	1	3A2h 930d		3
Optima-30	32	5	2DDh 733d	2DEh 734d	2DEh 734d	1	2DFh 735d		1
Optima-40		5	3C3h 963d	3C4h 964d	3C4h 964d	1	3CAh 970d		1
Optima-70		9	396h 918d	397h 919d	397h 919d	1	398h 920d		3
Disctron 5.25" MFM Drives Interface Type: ST506/ST412									
D-503	3	2	99h 153d	9Ah 128d	0A0h 160d	1	0A0h		
D-504	4	2	0D7h 215d	9Ah 128d	0DCh 220d	1	0DCh		
D-506	5	4	99h 153d	9Ah 128d	0A0h 160d	1	0A0h		
D-507	5	2	132h 306d	9Ah 128d	135h 309d	1	135h		
D-509	8	4	0D7h 215d	9Ah 128d	0DCh 220d	1	0DCh		
D-512	11	8	99h 153d	9Ah 128d	0A0h 160d	1	0A0h		
D-513	11	6	0D7h 215d	9Ah 128d	0DCh 220d	1	0DCh		
D-514	11	4	132h 306d	9Ah 128d	135h 309d	1	135h		
D-518	15	8	0D7h 215d	9Ah 128d	0DCh 220d	1	0DCh		
D-519	15	6	132h 306d	9Ah 128d	135h 309d	1	135h		
D-526	21	8	132h 306d	9Ah 128d	135h 309d	1	135h		
DMA Systems 5.25" MFM Drives Interface Type: ST506/ST412									
360	10	2	264h 612d	265h 613d	190h 400d	1	267h 615d		1, 7
Epson America 5.25" MFM Drives Interface Type: ST506/ST412									
HD-850	10	4	132h 306d	133h 307d	80h 307d	1	135h 310d		
HD-860	20	4	264h 612d	265h 613d	265h 613d	1	267h 615d		

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Fuji Corp 3.5" MFM Drives Interface Type: ST506/ST412									
FK301-13	10	4	132h 306d	133h 307d	80h 128d	1	135h 310d		1
FK302-13	10	2	264h 612d	265h 613d	133h 307d	1	267h 615d		1
FK302-26	21	4	264h 612d	265h 613d	133h 307d	1	267h 615d		1
FK302-39	32	6	264h 612d	265h 613d	133h 307d	1	267h 615d		1
FK303-52	40	8	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
FK305-26	21	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
FK305-39	32	6	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
FK309-26	21	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
FK309-39	32	6	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
Fujitsu America 3.5" MFM Drives Interface Type: ST506/ST412									
M2225D2	20.2	4	267h 615d	268h 300d	12Ch 620d	1	26Ch	7.5w	1, 6
M2226D2	32.1	6	267h 615d	268h 300d	12Ch 620d	1	26Ch	7.5w	1, 6
M2227D2	42.8	8	267h 615d	268h 128d	80h 620d	1	26Ch	7.5w	1, 6
Fujitsu America 5.25" MFM Drives Interface Type: ST506/ST412									
M2230AS	5	2	140h 320d	141h 321d	141h 321d	1	145h 325d	27w	1, 6
M2233AS	10.4	4	140h 320d	141h 321d	141h 321d	1	145h 325d	27w	1, 6
M2234AS	15	6	140h 320d	141h 321d	141h 321d	1	145h 325d	27w	3, 6
M2235AS	21	8	140h 320d	141h 321d	141h 321d	1	145h 325d	27w	3, 6
M2241AS &2	24.7	4	2F2h 754d	2F3h 755d	177h 375d	1	2F8h 760d	30w	3, 6
M2242AS &2	43.2	7	2F2h 754d	2F3h 755d	177h 375d	1	2F8h 760d	30w	3, 5, 6
M2243AS &2	67.9	11	2F2h 754d	2F3h 755d	177h 375d	1	2F8h 760d	30w	3, 5, 6
M2243T	68	7	4A2h 1186d	4A3h 1187d	177h 375d	1	4A6h 1190d		1
Hitachi 3.5" MFM Drives Interface Type: ST506/ST412									
DK301-1	10	4	132h 306d	133h 307d	80h 128d	1	136h 310d		1
DK301-2	15	6	132h 306d	133h 307d	80h 128d	1	136h 310d		1
Hitachi 5.5" MFM Drives Interface Type: ST506/ST412									
DK511-3	28	5	2BBh 699d	2BCh 700d	100h 256d	1	2C1h 705d		3
DK511-5	41	7	2BBh 699d	2BCh 700d	100h 256d	1	2C1h 705d		3
DK511-8	67	10	337h 823d	338h 824d	338h 824d	1	33Eh 830d		3
DK521-5	51	6	337h 823d	338h 824d	338h 824d	1	33Eh 830d		1

Drive:	Cap: (Megs)	Heads:	Total Cyl:	Reduced WC Cyl:	Pre- Comp Cyl:	Step Rate:	Park Cyl:	Pwr:	Notes:
Honeywell/Bull 5.25" MFM Drives Interface Type: ST506/ST412									
D-530	25	3	3DBh 987d	3DCh 988d	3DCh 988d	1	3DEh 990d		6
D-550	43	5	3DBh 987d	3DCh 988d	3DCh 988d	1	3DEh 990d		6
D-570	59	7	3DBh 987d	3DCh 988d	3DCh 988d	1	3DEh 990d		6
IBM 5.25" MFM Drives Interface Type: ST506/ST412									
IBM 0665-30	21.4	4	267h 615d	268h 616d	12Ch 300d	1	268h 616d		3
IBM 0665-38	30.4	5	2DDh 733d	2DEh 734d	12Ch 300d	1	2DEh 734d		3
IBM 0665-53	44	7	2DDh 733d	2DEh 734d	12Ch 300d	1	2DEh 734d		3
IBM WD-25	21	8	132h 306d	133h 307d	128h 296d	1	136h 310d		3
International Memories (IMI) 5.25" MFM Drives Interface Type: ST506/ST412									
5006	5	2	132h 306d	133h 307d	80h 128d	1	136h 310d		3
5012	10	4	132h 306d	133h 307d	80h 128d	1	136h 310d		3
5018	15	6	132h 306d	133h 307d	80h 128d	1	136h 310d		3
Kalok 3.5" MFM Drives Interface Type: ST506/ST412									
KL320 Octagon1	21.4	4	267h 615d	268h 616d	12Ch 300d	1	26Ch 620d	10w	1
KL340 Octagon2	43	6	334h 820d	335h 821d	335h 821d	1	339h 825d	10w	1
Kyocera Electronics 3.5" MFM Drives Interface Type: ST506/ST412									
KC-20A	21.5	4	268h 616d	269h 617d	269h 617d	1	26Ch 620d	12.3w	1, 5
KC-20B	21.4	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d	10w	1, 5
KC-20C	21.4	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1, 5
Lapine Technology 3.5" MFM Drives Interface Type: ST506/ST412									
3522 Titan	10	4	132h 306d	133h 307d	133h 307d	1	136h 310d		1
3532 Titan	32	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
LT10	10	2	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
LT20	20	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
LT200/LT2000	20	4	266h 614d	267h 615d	267h 615d	1	26Ch 620d		1
LT300	32	6	266h 614d	267h 615d	267h 615d	1	26Ch 620d		1
Maxtor Drives, see Storage Dimensions, Inc.									
Memorex 5.25" MFM Drives Interface Type: ST506/ST412									
Memorex 321	5	2	140h 320d	141h 321d	80h 128d	1	145h 325d		3, 6
Memorex 322	10	4	140h 320d	141h 321d	80h 128d	1	145h 325d		3, 6
Memorex 323	15	6	140h 320d	141h 321d	80h 128d	1	145h 325d		3, 6
Memorex 324	20	8	140h 320d	141h 321d	80h 128d	1	145h 325d		3, 6

Drive:	Cap: (Megs)	Heads:	Total Cyl:	Reduced WC Cyl:	Pre- Comp Cyl:	Step Rate:	Park Cyl:	Pwr:	Notes:
Memorex 5.25" MFM Drives - Continued									
Memorex 450	10	2	264h 612d	265h 613d	15Eh 350d	1	267h 615d		3, 6
Memorex 512	25	3	3C1h 961d	3C2h 962d	1E0h 480d	1	3C5h 965d		3, 6
Memorex 513	41	5	3C1h 961d	3C2h 962d	1E0h 480d	1	3C5h 965d		3, 6
Memorex 514	58	7	3C1h 961d	3C2h 962d	1E0h 480d	1	3C5h 965d		3, 6
Micropolis 5.25" MFM Drives Interface Type: ST506/ST412									
1302	20.4	3	33Eh 830d	33Fh 831d	33Fh 831d	1	343h 835d	29w	3, 5
1303	34	5	33Eh 830d	33Fh 831d	33Fh 831d	1	343h 835d	29w	3, 5
1304	42	6	33Eh 830d	33Fh 831d	33Fh 831d	1	343h 835d	29w	3, 5
1323	35.6	4	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	29w	3, 5
1323A	44.5	5	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	29w	3, 5
1324	53.4	6	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	29w	3, 5
1324A	62.3	7	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	29w	3, 5
1325	71.3	8	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	29w	3, 5
1333	35.6	4	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	29w	3, 5
1333A	44.5	5	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	29w	3, 5
1334	53.4	6	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	29w	3, 5
1334A	62.3	7	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	29w	3, 5
1335	71.3	8	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	29w	3, 5
Microscience 3.5" MFM Drives Interface Type: ST506/ST412									
4050	44.5	5	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	10w	1, 5
4070	62.3	7	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	11w	1, 5
Microscience 5.25" MFM Drives Interface Type: ST506/ST412									
HH-312	10	4	132h 306d	133h 307d	133h 307d	1	136h 310d		1, 5
HH-315	10	4	132h 306d	133h 307d	133h 307d	1	136h 310d		1, 5
HH-325	21	4	264h 612d	265h 613d	265h 613d	1	267h 615d		1, 5
HH-612	10.9	4	132h 306d	133h 307d	133h 307d	1	136h 310d		1, 5
HH-625	21	4	264h 612d	265h 613d	265h 613d	1	267h 615d		1, 5
HH-712	10	2	264h 612d	265h 613d	265h 613d	1	267h 615d		1, 5
HH-725	21	4	264h 612d	265h 613d	265h 613d	1	267h 615d		1, 5
HH-825	21	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1, 5
HH-1050	44.6	5	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	14w	1, 5
HH-1075	62.4	7	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	14w	1, 5

Drive:	Cap: (Megs)	Heads:	Total Cyl:	Reduced WC Cyl:	Pre- Comp Cyl:	Step Rate:	Park Cyl:	Pwr:	Notes:
MiniScribe 3.5" MFM Drives Interface Type: ST506/ST412									
MS8212	10	2	267h 615d	268h 616d	80h 128d	1	298h 664d		1
MS8412	10.6	4	132h 306d	133h 307d	80h 128d	1	150h 336d		1
MS8425 &F	21.4	4	267h 615d	268h 616d	80h 128d	1	298h 664d	12.5w	1
MS8434F	32	4	267h 615d	268h 616d	80h 128d	1	298h 664d		1
MiniScribe 5.25" MFM Drives Interface Type: ST506/ST412									
MS1006	5.1	2	132h 306d	133h 307d	80h 128d	1	14Fh 335d	23w	3
MS1012	10.1	4	132h 306d	133h 307d	80h 128d	1	14Fh 335d	23w	3
MS2006	5.1	2	132h 306d	133h 307d	80h 128d	1	14Fh 335d	23w	3
MS2012	10.1	4	132h 306d	133h 307d	80h 128d	1	14Fh 335d	23w	3
MS3012	10.1	2	264h 612d	265h 613d	80h 128d	1	28Dh 653d	18w	1
MS3053	44.6	5	400h 1024d	401h 1025d	200h 512d	1	406h 1030d	12.4w	1, 5
MS3085	71	7	492h 1170d	493h 1171d	200h 512d	1	497h 1175d	13.5w	1, 5
MS3212	10.2	2	264h 612d	265h 613d	80h 128d	1	267h 615d	13w	1
MS3412	10.2	4	132h 306d	133h 307d	80h 128d	1	150h 336d	13w	1
MS3425	20.4	4	264h 612d	265h 613d	12Ch 300d	1	267h 615d	14.5w	1
MS3438	20	4	264h 612d	265h 613d	12Ch 300d	1	267h 615d	14.5w	1
MS3650	40.3	6	329h 809d	32Ah 810d	80h 128d	5	354h 852d	18.1w	1
MS3675	61.6	6	329h 809d	32Ah 810d	80h 128d	5	354h 852d	18.1w	1
MS4010	8	2	1E0h 480d	1E1h 481d	80h 128d	1	209h 521d	23w	3
MS4020	15.9	4	1E0h 480d	1E1h 481d	80h 128d	1	209h 521d	23w	3
MS5330	25.1	6	1E0h 480d	1E1h 481d	80h 128d	1	209h 521d	23w	3
MS5338	32	6	264h 612d	265h 613d	80h 128d	1	290h 656d		
MS5440	33.4	8	1E0h 480d	1E1h 481d	80h 128d	1	20Ah 522d		
MS5451	43	8	264h 612d	265h 613d	80h 128d	1	290h 656d		
MS5619	16	6	132h 306d	133h 307d	80h 128d	1	135h 309d		
MS6032	26.7	3	400h 1024d	401h 1025d	200h 512d	1	406h 1030d	18w	3, 5
MS6053	44.6	5	400h 1024d	401h 1025d	200h 512d	1	406h 1030d	18w	3, 5
MS6074	62.4	7	400h 1024d	401h 1025d	200h 512d	1	406h 1030d	18w	3, 5
MS6085	71.3	8	400h 1024d	401h 1025d	200h 512d	1	406h 1030d	18w	3, 5, 8
MS6212	10	2	264h 612d	265h 613d	80h 128d	1	290h 656d		3
MS7426	21	4	264h 612d	265h 613d	80h 128d	1	290h 656d		

Drive:	Cap: (Megs)	Heads:	Total Cyl:	Reduced WC Cyl:	Pre- Comp Cyl:	Step Rate:	Park Cyl:	Pwr:	Notes:
Mitsubishi 3.5" MFM Drives Interface Type: ST506/ST412									
MR335	54	7	2E7h 743d	2E8h 744d	2E8h 744d	1	2EEh 750d	9.3w	1, 5
Mitsubishi 5.25" MFM Drives Interface Type: ST506/ST412									
MR521	10.4	2	264h 612d	265h 613d	80h 128d	1	267h 615d		1
MR522	20.8	4	264h 612d	265h 613d	12Ch 300d	1	267h 615d		1
MR535	42.5	5	3D1h 977d	12Ch 300d	12Ch 300d	5	3D4h 980d		1, 8
NEC 3.5" MFM Drives Interface Type: ST506/ST412									
D3126	20	4	267h 615d	268h 616d	12Ch 300d	1	26Ch 620d		1
D3142	42	8	282h 642d	283h 643d	80h 128d	1	298h 664d		1
D3146H	40.3	8	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1, 5
NEC 5.25" MFM Drives Interface Type: ST506/ST412									
D5124	10	4	135h 309d	136h 310d	136h 310d	1	140h 320d		1
D5126 &H	20	4	264h 612d	265h 613d	265h 613d	5	26Ch 620d		1
D5146 &H	40	8	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
Newbury 3.5" MFM Drives Interface Type: ST506/ST412									
NDR-340	42	8	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
Newbury 5.25" MFM Drives Interface Type: ST506/412									
NDR-1065	55.9	7	26Ah 918d	26Bh 919d	26Bh 919d	1	271h 925d		3
NDR-1085	71.3	8	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d		3
NDR-1105	88	11	26Ah 918d	26Bh 919d	26Bh 919d	1	271h 925d		3
NDR-1140	119.8	15	26Ah 918d	26Bh 919d	26Bh 919d	1	271h 925d		3
NDR-2190	159.8	15	4C8h 1224d	4C9h 1225d	4C9h 1225d	1	4CEh 1230d		3
Nippon Peripherals 5.25" MFM Drives Interface Type: ST506/ST412									
NP04-14C	22.6	4	28Ah 650d	28Bh 651d	28Bh 651d	1	294h 660d		3
Olivetti 5.25" MFM Drives Interface Type: ST506/ST412									
5210/2	10	2	264h 612d	265h 613d	265h 613d	1	26Ch 620d		1
5220/2	20	4	264h 612d	265h 613d	265h 613d	1	26Ch 620d		3
HD662/11	10	2	264h 612d	265h 613d	265h 613d	1	26Ch 620d		
HD662/12	20	4	264h 612d	265h 613d	265h 613d	1	26Ch 620d		
Otari 5.25" MFM Drives Interface Type: ST506/ST412									
C-214	10	4	132h 306d	133h 307d	133h 128d	1	136h 310d		
C-519	15	6	132h 306d	133h 307d	133h 128d	1	136h 310d		
C-526	21	8	132h 306d	133h 307d	133h 128d	1	136h 310d		

Drive:	Cap: (Megs)	Heads:	Total Cyl:	Reduced WC Cyl:	Pre- Comp Cyl:	Step Rate:	Park Cyl:	Pwr:	Notes:
Panasonic 3.5" MFM Drives Interface Type: ST506/ST412									
JU-116	20	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		
JU-128	42	7	2DEh 734d	2DFh 735d	2DFh 735d	1	2E4h 740d		
Peripheral Tech (PTI) 3.5" MFM Drives Interface Type: ST506/ST412									
PT-225	21	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
PT-234	28	4	334h 820d	335h 821d	335h 821d	1	339h 825d		1
PT-238A	32	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
PT-338	32	6	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
PT-351	42	6	334h 820d	335h 821d	335h 821d	1	339h 825d		1
Priam Systems 5.25" MFM Drives Interface Type: ST506/ST412									
ID45	44	5	3FAh 1018d	3FBh 1019d	3FBh 1019d	1	401h 1025d		3, 5
P502	46	7	2F3h 755d	2F4h 756d	2F4h 756d	1	2F8h 760d		3
P504	46	7	2F3h 755d	2F4h 756d	2F4h 756d	1	2F8h 760d		3
P514	117	11	4C8h 1224d	4C9h 1225d	4C9h 1225d	1	4CEh 1230d		3
P519	160	15	4C8h 1224d	4C9h 1225d	4C9h 1225d	1	4CEh 1230d		3
V150 (Vertex)	42	5	3DBh 987d	3DCh 988d	3DCh 988d	1	3DEh 990d		3
V160 (Vertex)	50	5	48Eh 1166d	48Fh 1167d	48Fh 1167d	1	492h 1170d		3
V170 (Vertex)	60	7	3DBh 987d	3DCh 988d	3DCh 988d	1	3DEh 990d		3
V185 (Vertex)	72	7	48Eh 1166d	48Fh 1167d	48Fh 1167d	1	492h 1170d		3
Quantum 5.25" MFM Drives Interface Type: ST506/ST412									
Q-510	8	2	200h 512d	201h 513d	100h 256d	1	208h 520d		3
Q-520	18	4	200h 512d	201h 513d	100h 256d	1	208h 520d		3
Q-530	27	6	200h 512d	201h 513d	100h 256d	1	208h 520d		3
Q-540	35.7	8	200h 512d	201h 513d	100h 256d	1	208h 520d		3
Ricoh 5.25" MFM Drives Interface Type: ST506/ST412									
RH-5130	10.7	2	264h 612d	265h 613d	190h 400d	1	26Ch 620d		
RH-5260	10.7	2	267h 615d	268h 616d	268h 616d	1	26Ch 620d		
RH-5261	10.7	2	264h 612d	265h 613d	265h 613d	1	26Ch 620d		
Rodime 3.5" MFM Drives Interface Type: ST506/ST412									
RO-351	5.2	2	132h 306d	133h 307d	80h 128d	1	136h 310d		1
RO-352	10.4	4	132h 306d	133h 307d	80h 128d	1	136h 310d		1
RO-365	20.8	4	264h 612d	265h 613d	265h 613d	1	26Ch 620d		1
RO-3000A	43	5	3E0h 992d	3E1h 993d	3E1h 993d	1	3E8h 1000d		

Drive:	Cap: (Megs)	Heads:	Total Cyl:	Reduced WC Cyl:	Pre- Comp Cyl:	Step Rate:	Park Cyl:	Pwr:	Notes:
Rodime 3.5" MFM Drives - Continued									
RO-3045	37.9	5	368h 872d	369h 873d	28Ah 650d	1	370h 880d	9w	1, 5
RO-3055	45.6	6	368h 872d	369h 873d	28Ah 650d	1	370h 880d	9w	1, 5
RO-3065	53.1	7	368h 872d	369h 873d	28Ah 650d	1	370h 880d	9w	1, 5
Rodime 5.25" MFM Drives Interface Type: ST506/ST412									
RO-101	3.3	2	0C0h 192d	0C1h 193d	60h 96d	1	0C8h 200d		3
RO-102	6.5	4	0C0h 192d	0C1h 193d	60h 96d	1	0C8h 200d		3
RO-103	9.8	6	0C0h 192d	0C1h 193d	60h 96d	1	0C8h 200d		3
RO-104	13.1	8	0C0h 192d	0C1h 193d	60h 96d	1	0C8h 200d		3
RO-200	10.9	4	141h 321d	142h 322d	84h 132d	1	14Ah 330d		3
RO-201	5.5	2	141h 321d	142h 322d	84h 132d	1	14Ah 330d		3
RO-202	10.9	4	141h 321d	142h 322d	84h 132d	1	14Ah 330d		1
RO-202E	22	4	280h 640d	281h 641d	12Ch 300d		283h 643d		
RO-203	16.4	6	141h 321d	142h 322d	84h 132d	1	14Ah 330d		1
RO-203E	33	6	280h 640d	281h 641d	80h 128d		283h 643d		
RO-204	21.8	8	141h 321d	142h 322d	84h 132d	1	14Ah 330d		1
RO-204E	44	8	280h 640d	281h 641d	80h 128d		283h 643d		
RO-251	5.2	2	132h 306d	133h 307d	80h 128d	1	135h 309d		1
RO-252	10.4	4	132h 306d	133h 307d	80h 128d	1	135h 309d		1
RO5065	52	5	4C8h 1224d	4C9h 1225d	258h 600d	1	4CEh 1230d	18w	1, 5
RO-5090	74.6	7	4C8h 1224d	4C9h 1225d	258h 600d	1	4CEh 1230d	18w	1, 5
Seagate Tech 3.5" MFM Drives Interface Type: ST506/ST412									
ST124	21.4	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d	8w	1
ST125-0 & -1	21.4	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d	8w	1, 4, 5, 6
ST138-0 & -1	32.1	6	267h 615d	268h 616d	268h 616d	1	26Ch 620d	8.3w	1, 5, 6
ST151	42.5	5	3D1h 977d	3D2h 978d	3D2h 978d	1	3D4h 980d	8w	1, 5, 6
ST1100 Swift	83.9	9	430h 1072d	431h 1073d	431h 1073d	1	438h 1080d	10w	1, 5, 6
Seagate Tech 5.25" MFM Drives Interface Type: ST506/ST412									
ST206	5	2	132h 306d	133h 307d	80h 128d	1	135h 309d	17w	3
ST212	10	4	132h 306d	133h 307d	80h 128d	1	135h 309d	17w	3
ST213	10.7	2	264h 612d	265h 613d	12Ch 300d	1	267h 615d	14.8w	3
ST225	21.4	4	264h 612d	265h 613d	12Ch 300d	1	267h 615d	14.8w	1
ST238	20	4	264h 612d	265h 613d	12Ch 300d	1	267h 615d		

Drive:	Cap: (Megs)	Heads:	Total Cyl:	Reduced WC Cyl:	Pre- Comp Cyl:	Step Rate:	Park Cyl:	Pwr:	Notes:
Seagate Tech 5.25" MFM Drives - Continued									
ST251-0 & -1	42.8	6	334h 820d	335h 821d	335h 821d	1	338h 823d	12w	1,5,6,8
ST252	42.8	6	334h 820d	335h 821d	335h 821d	1	338h 823d	11w	1, 5, 6
ST253 Wren2	43	5	3DDh 989d	3DEh 990d	80h 128d	1	3DEh 990d	20w	1, 5, 6
ST406	5	2	132h 306d	133h 307d	80h 128d	1	135h 309d	24.7w	3
ST412	10.7	4	132h 306d	133h 307d	80h 128d	1	135h 309d	25.9w	3
ST419	15	6	132h 306d	133h 307d	80h 128d	1	135h 309d	24.7w	3
ST425	21.3	8	132h 306d	133h 307d	80h 128d	1	135h 309d		3
ST506	5.3	4	99h 153d	80h 128d	40h 64d	1	9Dh 157d	22.7w	3
ST706	5	2	132h 306d	133h 307d	80h 128d	1	135h 309d		3
ST4026 (1987)	21.4	4	267h 615d	268h 616d	12Ch 300d	1	26Ch 620d	25.5w	2
ST4038 (1987)	31.9	5	2DDh 733d	2DEh 734d	12Ch 300d	1	2EEh 750d	25.5w	2
ST4038M(1990)	31.9	5	2DDh 733d	2DEh 734d	2DEh 734d	1	2EEh 750d	25.5w	2
ST4051 (1987)	42.5	5	3D1h 977d	3D2h 978d	3D2h 978d	1	3D4h 980d	25.5w	2, 8
ST4053	44.5	5	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	23w	2, 8
ST4085 Wren2	71.3	8	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	28w	2, 8
ST4085P Wren2	71.3	8	400h 1024d	401h 1025d	80h 1025d	1	406h 1030d	28w	2, 8
ST4086 Wren2	72.5	9	39Dh 925d	39Eh 926d	39Eh 926d	1	3A2h 930d	28w	2, 8
ST4086P Wren2	72.5	9	39Dh 925d	39Eh 926d	80h 1025d	1	3A2h 930d	28w	2, 8
ST4096	80.2	9	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	23w	2, 8
ST4097 Wren2	80.2	9	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d	28w	2, 8
ST4097P Wren2	80.2	9	400h 1024d	401h 1025d	80h 1025d	1	406h 1030d	28w	2, 8
Shugart Associates 5.25" MFM Drives Interface Type: ST506/ST412									
604	5	4	0A0h 160d	0A1h 161d	80h 128d	1	0AAh 170d		3
606	7	6	0A0h 160d	0A1h 161d	80h 128d	1	0AAh 170d		3
612	10	4	132h 306d	133h 307d	80h 128d	1	140h 320d		3
706	6	2	140h 320d	141h 321d	80h 128d	1	145h 325d		1
712	10	4	140h 320d	141h 321d	80h 128d	1	145h 325d		1
Storage Dimensions, Inc. (Maxtor)									
Maxtor 5.25" MFM Drives Interface Type: ST506/ST412									
AT120 (Maxtor XT-1140)	119.9	15	396h 918d	397h 919d	397h 919d	1	398h 920d		3, 5
AT160 (Maxtor XT-2190)	159.8	15	4C8h 1224d	4C9h 1225d	4C9h 1225d	1	4C9h 1225d		3, 5

Drive:	Cap: (Megs)	Heads:	Total Cyl:	Reduced WC Cyl:	Pre- Comp Cyl:	Step Rate:	Park Cyl:	Pwr:	Notes:
Syquest Tech 3.5" MFM Drives Interface Type: ST506/ST412									
SQ-306RD	5	2	132h 306d	133h 307d	133h 307d	1	140h 320d		1
SQ-312RD	10	2	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
SQ-325F	20	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
SQ-338F	30	6	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
SQ-340AF	38	6	280h 640d	281h 641d	281h 641d	1	28Ah 650d		1
Tandon 3.5" MFM Drives Interface Type: ST506/ST412									
TM262	21.4	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
TM362	21.4	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
Tandon 5.25" MFM Drives Interface Type: ST506/ST412									
TM252	10.6	4	132h 306d	133h 307d	80h 128d	1	136h 310d		1
TM261	10.7	2	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
TM270	71	8	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d		3
TM361	10.7	2	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
TM501	5	2	132h 306d	133h 307d	80h 128d	1	135h 309d		3
TM502	10	4	132h 306d	133h 307d	80h 128d	1	135h 309d		3
TM503	16	6	132h 306d	133h 307d	80h 128d	1	135h 309d		3
TM702 & AT	21.4	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		3
TM703	30.2	5	2B7h 695d	2B8h 696d	2B8h 696d	1	2BCh 700d		3
TM703AT	30.2	5	2DDh 733d	2DEh 734d	2DEh 734d	1	2E4h 740d		3
TM705	?	?	3C2h 962d	3C3h 963d	3C3h 963d	1	3CAh 970d		3
TM755	42.7	5	3D5h 981d	3D6h 982d	3D6h 982d	1	3DEh 990d		1
TM3085	71	8	400h 1024d	401h 1025d	401h 1025d	1	406h 1030d		3
TM6025	5.3	4	99h 153d	80h 128d	40h 64d	1	0A0h 160d		3
TM6035	8	6	99h 153d	80h 128d	40h 64d	1	0A0h 160d		3
TM6035E	12	6	0E6h 230d	0E7h 231d	80h 128d	1	0F0h 240d		3
Teac 5.25" MFM Drives Interface Type: ST506/ST412									
SD-510	10	4	132h 306d	133h 307d	80h 128d	1	136h 310d		3
SD-520	20	4	267h 615d	268h 616d	12Ch 300d	1	26Ch 620d		3
SD-540	40.3	8	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1, 6
Texas Instruments 5.25" MFM Drives Interface Type: ST506/ST412									
TI-5	5	4	99h 153d	9Ah 154d	9Ah 154d	1	0A0h 160d		3

Drive:	Cap: (Megs)	Heads:	Total Cyl:	Reduced WC Cyl:	Pre- Comp Cyl:	Step Rate:	Park Cyl:	Pwr:	Notes:
Toshiba 3.5" MFM Drives Interface Type: ST506/ST412									
MK-130	45	7	2DDh 733d	2DEh 734d	2DEh 734d	1	2E4h 740d	10w	1, 5
MK-134FA	45	7	2DDh 733d	2DEh 734d	2DEh 734d	1	2E4h 740d	10w	1
Toshiba 5.25" MFM Drives Interface Type: ST506/ST412									
MK-53FA & FB	36	5	33Eh 830d	33Fh 831d	200h 512d	1	348h 840d		3, 5
MK-54FA & FB	49	7	33Eh 830d	33Fh 831d	200h 512d	1	348h 840d		3, 5
MK-56FA & FB	73	10	33Eh 830d	33Fh 831d	200h 512d	1	348h 840d		3, 5
Tulin 5.25" MFM Drives Interface Type: ST506/ST412									
213	10	2	280h 640d	281h 641d	281h 641d	1	28Ah 650d		3
226	22	4	280h 640d	281h 641d	281h 641d	1	28Ah 650d		1
240	33	6	280h 640d	281h 641d	281h 641d	1	28Ah 650d		1
326	22	4	280h 640d	281h 641d	281h 641d	1	28Ah 650d		1
340	33	6	280h 640d	281h 641d	281h 641d	1	28Ah 650d		1
Vertex 5.25" MFM Drives Interface Type: ST506/ST412									
V130 (See Priam)	26.1	3	3DBh 987d	3DCh 988d	3DCh 988d	1	3DEh 990d		3
V150 (See Priam)	43	5	3DBh 987d	3DCh 988d	3DCh 988d	1	3DEh 990d		3
V170 (See Priam)	60.1	7	3DBh 987d	3DCh 988d	3DCh 988d	1	3DEh 990d		3
Western Digital 3.5" MFM Drives Interface Type: ST506/ST412									
WD362	20	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
Western Digital 5.25" MFM Drives Interface Type: ST506/ST412									
WD262	21.4	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1
WD562	20	4	267h 615d	268h 616d	268h 616d	1	26Ch 620d		1

Hard Drive Specs can be found at: And... The Ref Specs:
<http://www.mfarris.com/hard/index.html> <http://theref.mfarris.com>

Hard Drive Notes For Z-100 Winchester PREP Utility

Notes:

1. Half height drive.
2. Voice coil full sized drive - automatic park on shutdown.
3. Full sized stepper drive. Mount in any position.
4. 3.5" low power drive in 5" half-height frame.
5. Autopark drive on power off.
6. 3600 rpm.
7. Removable cartridge
8. For Z-100 use on the UCI EASYWIN setup, 810 cylinders must be specified; when using with Zenith's controller card set, specify 255h for this value, which will give 32.9 megs - or use the PREP/k switch for 1024 byte sectors; 64 meg max.
9. The newer half-height drives generally require about 1 amp at 5 volts and 1 amp steady state at 12 volts. Starting current on 12 volts for the first 10 seconds is about 4 amps. Full height and older drives slightly more on 5 and 12 volts, with considerably more power consumption.