

MANUFACTURER	RODIME	RODIME	RODIME	RODIME	SEAGATE TECHNOLOGY
DRIVE	251 351	252 352	203E	204E	ST212
DISK/TREND GROUP	5	5	6	6	5
MARKET	OEM	OEM	OEM	OEM	OEM
MEDIA: Generic type	Fixed	Fixed	Fixed	Fixed	Fixed
Nominal disk diameter	96 mm OD	96 mm OD	130 mm OD	130 mm OD	130 mm OD
Recording medium	40 mm ID Oxide/Plated	40 mm ID Oxide/Plated	40 mm ID Oxide Coated	40 mm ID Oxide Coated	40 mm ID Oxide Coated
DRIVE: Technology type	Modified 3350	Modified 3350	Modified 3350	Modified 3350	3370 (Ferrite)
Heads	Ferrite	Ferrite	Ferrite	Ferrite	Ferrite
Interface	ST412	ST412	ST412	ST412	ST412
CAPACITY/RECORDING DENSITY					
Total capacity (MBytes) FIXED	U: 6.38	U: 12.75	U: 40.0	U: 53.34	U: 12.76
REMOVABLE	--	--	--	--	--
Capacity per track (Bytes)	U: 10,416	U: 10,416	U: 10,416	U: 10,416	U: 10,416
Data surfaces per spindle	2	4	6	8	2
Heads per data surface	1	1	1	1	2
Tracks per surface	306	306	640	640	612
Track density (TPI)	600	600	600	600	550
Maximum linear density (BPI)	11200	11200	10300	10300	10568
Rotational speed (RPM)	3600	3600	3600	3600	3600
PERFORMANCE					
Actuator type	Rotary, Band, Stepping Motor	Rotary, Band, Stepping Motor	Rotary, Band, Stepping Motor	Rotary, Band, Stepping Motor	Linear, Band, Stepping Motor
Average positioning time (msec)	85 (including settling)	85 (including settling)	55 (including settling)	55 (including settling)	65 (including settling)
Average rotational delay (msec)	8.3	8.3	8.3	8.3	8.3
Average access time (msec)	93.3	93.3	63.3	63.3	73.3
Data transfer rate (KBytes/sec)	625	625	625	625	625
FIRST CUSTOMER SHIPMENT	9/83	9/83	4/83	4/83	4Q84
U.S. OEM PRICE FOR 100 UNITS	--	--	--	--	--
COMMENTS	250 Series uses frame to match half high 5.25" form factor	250 series uses frame to match half high 5.25" form factor			1.625" High

MANUFACTURER	SEAGATE TECHNOLOGY	SEAGATE TECHNOLOGY	SEAGATE TECHNOLOGY	SEAGATE TECHNOLOGY	SIEMENS
DRIVE	ST225	ST4026	ST4038	ST4051	1100
DISK/TREND GROUP	5	5	6	6	7
MARKET	OEM	OEM	OEM	OEM	OEM
MEDIA: Generic type	Fixed	Fixed	Fixed	Fixed	Fixed
Nominal disk diameter	130 mm OD 40 mm ID	130 mm OD 40 mm ID	130 mm OD 40 mm ID	130 mm OD 40 mm ID	130 mm OD 40 mm ID
Recording medium	Oxide Coated	Oxide Coated	Oxide Coated	Sputtered	Plated
DRIVE: Technology type	3370 (Ferrite)	3370 (Ferrite)	3370 (Ferrite)	3370 (Ferrite)	3370
Heads	Ferrite	Ferrite	Ferrite	Ferrite	Thin Film
Interface	ST412	ST412	ST412	ST412	ANSI, ESDI
CAPACITY/RECORDING DENSITY					
Total capacity (MBytes) FIXED	U: 25.62	U: 25.62	U: 38.17	U: 50.88	U: 102.8
REMOVABLE	--	--	--	--	--
Capacity per track (Bytes)	U: 10,416	U: 10,416	U: 10,416	U: 10,416	U: 21,000
Data surfaces per spindle	4	4	5	5	4
Heads per data surface	1	1	1	1	1
Tracks per surface	615	615	733	977	1224
Track density (TPI)	588	625	750	960	1207
Maximum linear density (BPI)	9827	9617	9617	9720	19077 (BPI) 12718 (FCI)
Rotational speed (RPM)	3600	3600	3600	3600	3571
PERFORMANCE					
Actuator type	Rotary, Band, Stepping Motor	Linear, Voice Coil	Linear, Voice Coil	Linear, Voice Coil	Rotary, Voice Coil
Average positioning time (msec)	65 (including settling)	40 (including settling)	40 (including settling)	40 (including settling)	25
Average rotational delay (msec)	8.3	8.3	8.3	8.3	8.4
Average access time (msec)	73.3	48.3	48.3	48.3	33.4
Data transfer rate (KBytes/sec)	625	625	625	625	1250
FIRST CUSTOMER SHIPMENT	10/84	11/84	1/85	1/85	4Q85
U.S. OEM PRICE FOR 100 UNITS	--	--	--	--	\$2425
COMMENTS	1.625" High				