

MANUFACTURER	TOSHIBA	TOSHIBA	TOSHIBA	TOSHIBA	TOSHIBA
DRIVE					
	ND-04DT-A	ND-06D/DT	ND-08DE	ND-08DE-A	ND-352SH/TH
DISK/TREND GROUP	15	15	15	15	16
MARKET	OEM	Captive, OEM	Captive, OEM	OEM	OEM
MEDIA: Generic type	5.25" -- 2/40	5.25" -- 2/80	5.25" - 2/80 HD	5.25" - 2/80 HD	3.5" -- 2/80
Nominal disk diameter	5.25"	5.25"	5.25"	5.25"	3.5"
Recording medium	Oxide Coated	Oxide Coated	High Density Oxide Coated	High Density Oxide Coated	High Density Oxide Coated
CAPACITY/RECORDING DENSITY					
Total capacity (Mbytes)	U: .5	U: .5/1.0	U: 1.0/1.6	U: 1.0/1.6	U: .5/1.0
Capacity per track (Bytes)	U: 6,250	U: 3,125/6,250	U: 6,250/10,416	U: 6,250/10,416	U: 6,250
Data surfaces per spindle	2	2	2	2	2
Tracks per surface	40	80	80/77	80/77	80
Track density (TPI)	48	96	96	96	135
Maximum linear density (BPI)	5876	2961/5922	5922/9646	5922/9646	8717
Rotational speed (RPM)	300	300	300/360	360	300
PERFORMANCE					
Actuator type	Lead Screw, Stepping Motor	Band, Stepping Motor	Band, Stepping Motor	Lead Screw, Stepping Motor	Band, Stepping Motor
POSITIONING:Track to track(msec)	6	3	3	3	3
Settling time (msec)	15	15	15	15	15
Head load time(msec)	Continous Contact	Continuous Contact	Continuous Contact	Continous Contact	Continuous Contact
Average rotational delay (msec)	100	100	100/83.3	100/83.3	100
Data transfer rate (KBytes/sec)	31.25	15.63/31.25	37.5/62.5	31.25/62.5	31.25
SIZE (Inches: H x W x D)	1.6 x 5.7 x 8.2	1.625 x 5.75 x 8.3	1.625 x 5.75 x 8.3	1.6 x 5.7 x 8.2	1.0 x 4.0 x 5.9
FIRST CUSTOMER SHIPMENT	1Q88	2Q82	1Q84	1Q88	4Q86
U.S. OEM PRICE FOR 500 UNITS	\$55 (1000)	\$85 (1000)	\$70 (1000)	\$70 (1000)	\$60 (1000)
COMMENTS					

1988 DISK/TREND REPORT

MANUFACTURER	TOSHIBA	TOSHIBA	TOSHIBA	VIDEO TECHNOLOGY	WELTEC DIGITAL
DRIVE					
	ND-355S/T	ND-356S/T	PD-211	FDM 110	WT 16A
DISK/TREND GROUP	16	16	16	14	15
MARKET	OEM	OEM	OEM	OEM, PCM	OEM, PCM
MEDIA: Generic type	3.5" -- 2/80 HD	3.5" -- 2/80 HD	3.5" -- 2/80 BF	5.25" -- 1/40	5.25" - 2/80 HD
Nominal disk diameter	3.5"	3.5"	3.5"	5.25"	5.25"
Recording medium	High Density Oxide Coated	High Density Oxide Coated	Barium Ferrite	Oxide Coated	High Density Oxide Coated
CAPACITY/RECORDING DENSITY					
Total capacity (Mbytes)	U: 1.0/1.6	U: 1.0/2.0	U: 1.0/2.0/4.0	U: .250	U: 1.6/1.0
Capacity per track (Bytes)	U: 6,250/10,416	U: 12,500	U: 6,250/25,000	U: 6,250	U: 10,416/6,250
Data surfaces per spindle	2	2	2	1	2
Tracks per surface	80/77	80	80	40	80
Track density (TPI)	135	135	135	48	96
Maximum linear density (BPI)	8717/14184	8717/17434	8717/34768	5536	9870/5922
Rotational speed (RPM)	300/360	300	300	300	360/300
PERFORMANCE					
Actuator type	Band, Stepping Motor	Lead Screw, Stepping Motor	Band, Stepping Motor	Band, Stepping Motor	Band, Stepping Motor
POSITIONING:Track to track(msec)	3	3	3	12	2.8
Settling time (msec)	15	15	15	15	10
Head load time(msec)	Continuous Contact	Continuous Contact	Continuous Contact	Continuous Contact	Continuous Contact
Average rotational delay (msec)	100/83.3	100	100	100	83/100
Data transfer rate (KBytes/sec)	31.25/62.5	31.25/62.5	31.25/62.5/125	31.25	62.5/31.25
SIZE (Inches: H x W x D)	1.0 x 4.0 x 5.9	1.0 x 4.0 x 6.3	1.625 x 4.0 x 5.6	1.625 x 5.75 x 7.6	1.625 x 5.75 x 8.0
FIRST CUSTOMER SHIPMENT	4Q86	1Q87	1988	1984	1984
U.S. OEM PRICE FOR 500 UNITS	--	\$70 (1000)	\$125 (1000)	--	\$86 (1000)
COMMENTS				FDM 110V & FD 100 are Apple II PCM versions	Compatibility: M16-A:IBM PC AT M16-P:IBM PC XT