

CAPACITY (AFTER ECC)

250-4079A w/205 ft DC2000 cartridge.....	40.4MB; ~ 80MB
	w/compression
250-4079A w/307 ft DC2120 cartridge.....	60.6MB; ~ 120MB
	w/compression

TAPE FORMAT.....QIC-40 (20 tracks, 10,000 FRPI)

RELIABILITY

Hard Error Rate.....	1 in 10 ¹⁴ bits read with ECC
MTBF.....	40,000 hours (6% tape motion)

PERFORMANCE

10MB file-by-file backup

at 500 kb/s transfer rate.....	<6 minutes typical
at 250 kb/s transfer rate.....	<10 minutes typical

End-to-end seek time

205' tape.....	28 seconds
307' tape.....	40 seconds

Format time

25-4079A tape drive:

at 500 kb/s transfer rate	
205' tape.....	36 minutes
307' tape.....	51 min (approx)
at 250 kb/s transfer rate	
205' tape.....	72 minutes
307' tape.....	101 min (approx)

POWER REQUIREMENTS

12VDC (+5%).....	0.8A avg. 2.75A peak
	<150ms duration
5VDC (+5%).....	0.3A
Total power.....	1.5W standby,
	11.5W typical

TAPE MOTION

Speeds and Times

Read/Write/Format rate @ 250 kb/s.....	25 ips
Read/Write/Format rate @ 500 kb/s.....	50 ips
Forward/Reverse/Seek.....	90 ips

ENVIRONMENTAL

Temperature

Operating.....	+41° to +113°F
	(cartridge limited)

Shipping and storage.....-40° to +148°F

(-40° to +65°C)

Humidity

Operating.....	20% to 80% RH non-condensing
	80°F (27°C) Maximum dew
	point (wet bulb)

PHYSICAL

Overall size (internal drive).....4.0" wide, 1.625" high, 5.32" deep

(101.6 x 41.2 x 135mm)

TAPE (FLOPPY) CONTROLLER

Type.....Tandy 3000NL, 4000, 4000LX,
4020LX, 4025LX, 5000MC
Encoding method.....MFM
Data transfer rates.....500 kb/s and 250 kb/s
Transfer rate selection.....Automatically switches to fastest
allowable rate. (Software controlled)

COMMUNICATIONS.....QIC-117 Common Command Set

RAM REQUIRED.....512 KB

(smm 08/05/93)