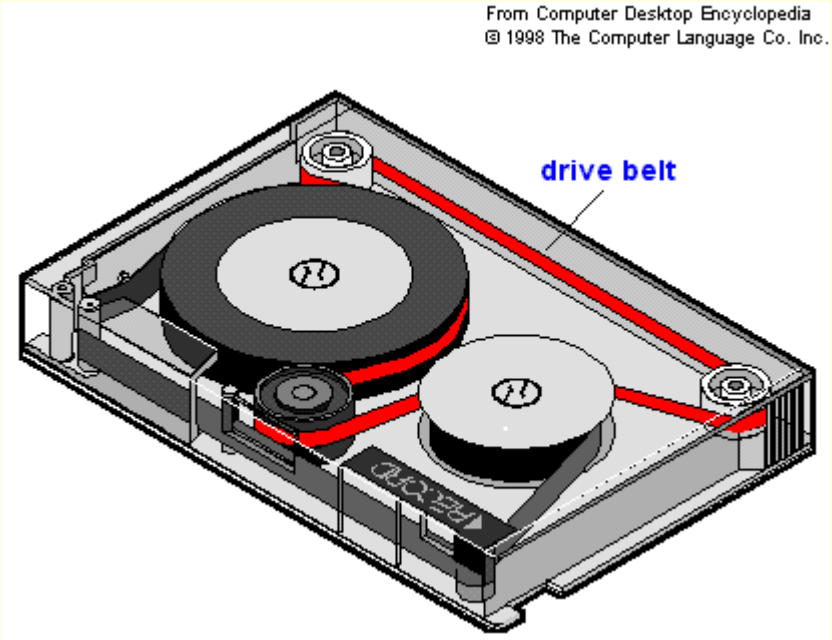
Внешние запоминающие устройства

ГБПОУ ВО "Борисоглебский техникум промышленных и информационных технологий"

Специальность «Компьютерные системы и комплексы»

QIC

6,35 мм


From Computer Desktop Encyclopedia
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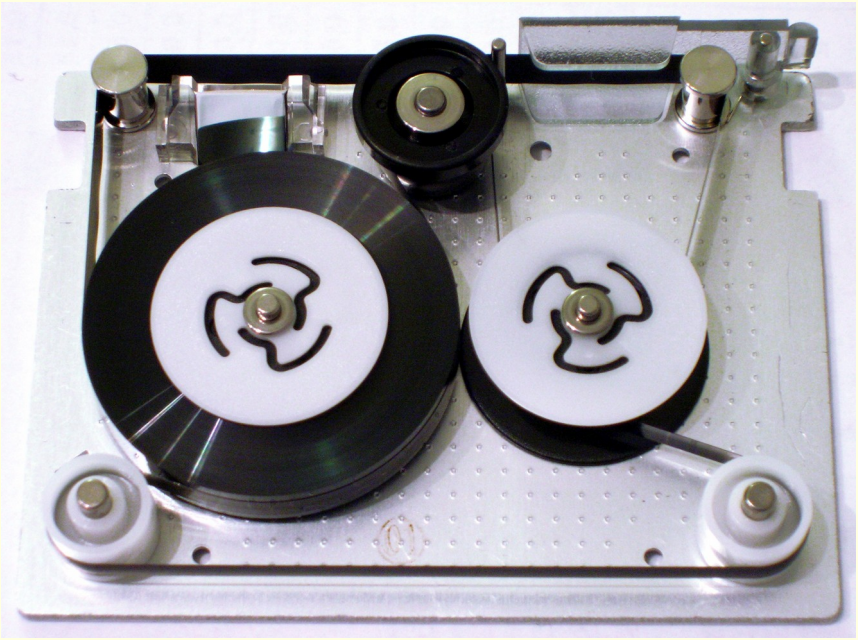
drive belt




DAT160
HP StorageWorks DAT 160 SAS
Clean Tape Drive
Ready
BASF
DAT
DAT MASTER 15
www.24-pc.ru

Minicartridge Drive Classes

Format	*QIC-80*	*QIC-3010*	*QIC-3020*	*QIC-3040*	*QIC-3050*	*QIC-3080*	*QIC-3095*	*QIC-3210*	*QIC-3220*
Capacity*									
QIC-EX	500 MB	1.1 GB	2.2 GB						
Travan	400 MB	800 MB	1.6 GB				4 GB		10 GB
QIC-Wide	200 MB	420 MB	850 MB	1 GB		2 GB	2 GB	2.3 GB	
DC2000	125 MB	340 MB	680 MB	840 MB	1 GB	1.6 GB			
Transition Density	14,700 ftpi	22,125 ftpi	44,250 ftpi	50,800 ftpi	38,750 ftpi	45,000 ftpi	50,800 ftpi	76,200 ftpi	79,800 ftpi
Data Density	14,700 bpi	22,125 bpi	44,250 bpi	40,600 bpi	51,677 bpi	60,000 bpi	67,733 bpi	60,960 bpi	106,400 bpi
Data Tracks									
.315-inch	36	50	50	52	50	77	72	72	108
.25-inch	28	40	40	42	40	60			
Head	Metal	Ferr., TFMR	TFMR	Ferrite	Ferrite	TFMR	TFMR	MIG	TFMR
Positioning	Reference Burst	Reference Burst	Reference Burst	Reference Burst	Reference Burst	Servo Burst	Servo Burst	Reference Burst	Servo Burst
Data Channels	One	One	One	One	One	One	One	One	One
Recording	MFM	MFM	MFM	GCR	RLL	RLL	RLL	GCR	RLL
Media	Fe_2O_3	Fe_2O_3	Fe_2O_3	Fe_2O_3	Fe_2O_3	Fe_2O_3	Fe_2O_3	MP	MP
Coercivity	550 Oe	900 Oe	900 Oe	900 Oe	900 Oe	900 Oe	900 Oe	1,850 Oe	1,650 Oe
ECC	Software	Software	Software	Hardware	Hardware	Hardware	Hardware	Hardware	Hardware

* Data compression nominally doubles these capacities.

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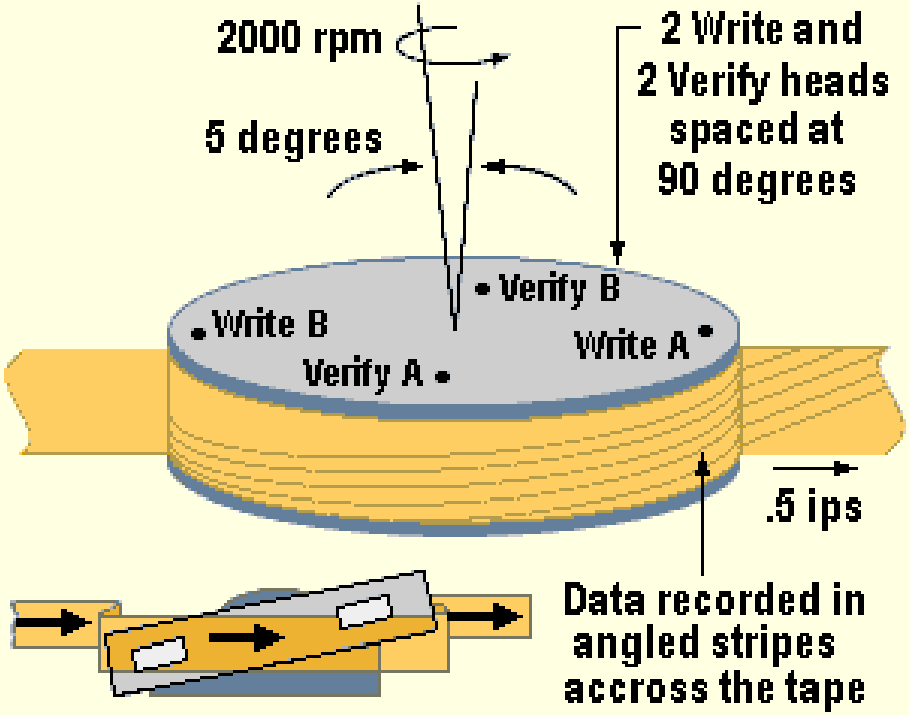
Data Cartridge Drive Classes

Format	*QIC-150*	*QIC-525*	*QIC-1000*	*QIC-2GB*	*QIC-4GB*	*QIC-5010*	*QIC-5210*
Maximum Capacity	250 MB	525 MB	1.2 GB	2.5 GB	4 GB	16 GB	25 GB
Transition Density	12,500 ftpi	20,000 ftpi	45,000 ftpi	50,800 ftpi	62,000 ftpi	50,800 ftpi	76,200 ftpi
Data Density	10,000 bpi	16,000 bpi	36,000 bpi	40,640 bpi	49,600 bpi	67,733 bpi	101,600 bpi
Data Tracks	18	26	30	42	46	144	144
Head	Metal	Ferrite	Ferrite	Ferrite	MIG	TFMR	TFMR
Positioning	Edge Reference	Reference Burst	Reference Burst	Reference Burst	Reference Burst	Continuous Servo	Continuous Servo
Data Channels	One	One	One	One	One	Two	Two
Recording	GCR	GCR	GCR	GCR	GCR	RLL	RLL
Media	Fe_2O_3	Fe_2O_3	Fe_2O_3	Fe_2O_3	Fe_2O_3	Fe_2O_3	MP
Coercivity	550 Oe	550 Oe	900 Oe	900 Oe	900 Oe	900 Oe	1650 Oe
ECC		Hardware	Hardware	Hardware	Hardware	Hardware	Hardware

* Data compression nominally doubles these capacities.

December 9, 1997

QIC DAT


2000 rpm
5 degrees
2 Write and
2 Verify heads
spaced at
90 degrees
Verify B
Write B
Write A
Verify A
.5 ips
Data recorded in
angled stripes
accross the tape

8 мм

Exabyte mammoth

8 мм


SONY
StorStation
POWER
TAPE MOTION
CLEANING REQUEST
REPLACE TAPE

AIT


SONY
Capacity : / Capacité :
160 GB/Go Native/Natif
320 GB/Go *Compressed/Compressé
1 GB = 1 billion bytes
1 Go = 1 milliard d'octets
*Assuming 2 : 1 Compression
En supposant une compression de 2 : 1
320GB
DAT 320
Digital Data Storage
DGDAT320
DAT320


SONY
DAT 320
Digital Data Storage
DGDAT320

DLT


COMPAQ
70-60317-01
CKB15R0745
SCSI
SE
Rev BD1
STANDALONE Only
Write Protected
Tape in Use
Use Cleaning Tape
Operate Handle
Unload