





Concepts for a Digital World 2003 DVD-ROMs

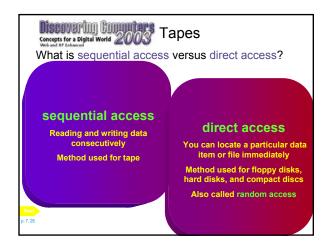
How does a DVD-ROM store data?

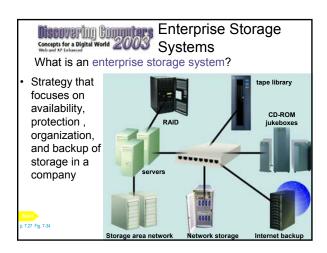
- Two layers of pits are used, where lower layer is semitransparent
- · Laser can read through it to upper layer
- DVD+RW is a rewritable DVD

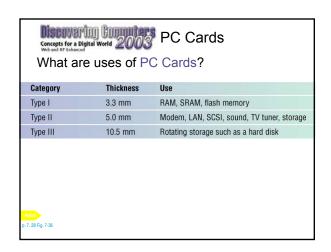
7. 25 Fig. 7-31

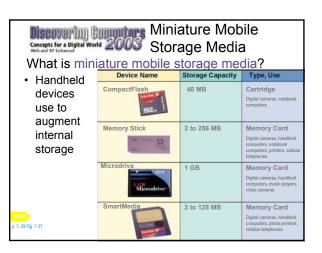
Sides	Layers	Storage Capacity
1	1	4.7 GB
1	2	8.5 GB
2	1	9.4 GB
2	2	17 GB







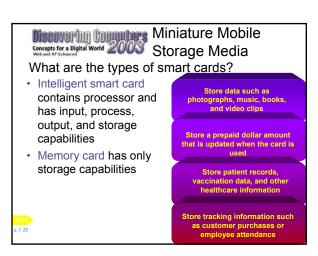


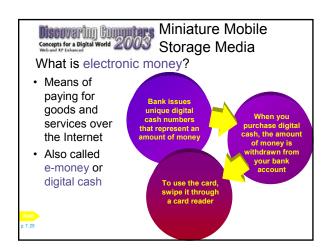




contents of miniature storage media such as memory cards

7, 29 Fig. 7-38





Miniature Mobile

Storage Media

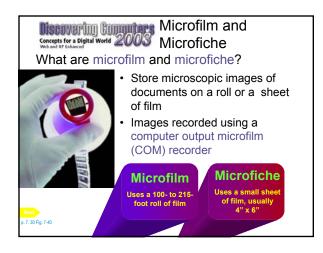
Discovering Committees Concepts for a Digital World 2003

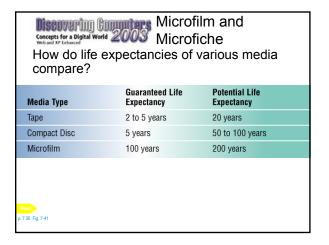
What is a smart card? · Stores data on thin

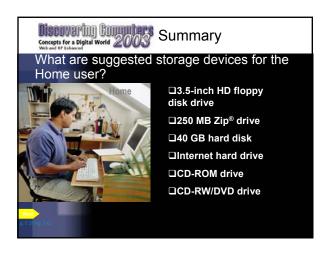
embedded in credit card

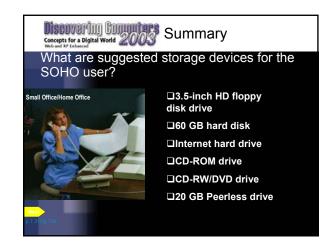
microprocessor

smart card





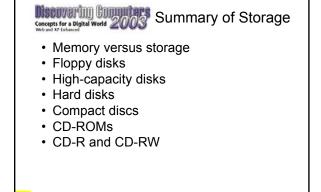












(Continued)



- DVD+RW and DVD-ROM
- Tapes
- Enterprise storage systems
- PC Cards
- Miniature mobile storage media
- · Microfilm and microfiche

Chapter 7 Complete