

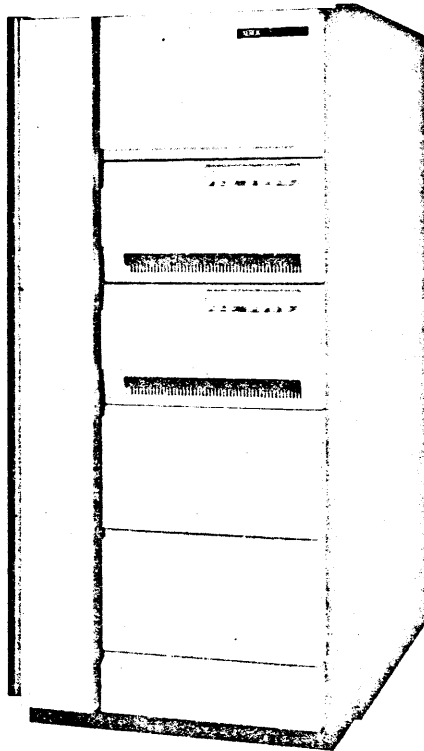
Xerox Model 3201/3203/3204 RAD Storage System

The Xerox Model 3201/3203/3204 Rapid Access Data (RAD) Storage System offers Xerox 530 computer users a powerful secondary storage capability. This system is ideal for permanent storage of programming systems, and can also be used as scratch pad or working storage while processing programs. It is additionally useful as a spooling device for remote batch processing.

A RAD system consists of one Model 3201 Rotating Storage Controller and from one to eight Model 3203/3204 RAD Storage units. The Model 3201 also serves as the controller for Xerox Models 3231/3232/3233 Cartridge Disk Drives. For added flexibility, RADs and Cartridge Disks may be intermixed in any combination

on a single controller to a maximum of eight units. If the eighth unit is a Cartridge Disk, access is limited to the removable spindle only. Dual Access is optionally available, as is a Controller Expansion Option which is required if five or more RADs are to be supported by a single controller, or where the controller-to-device maximum cable length exceeds 20 feet. Up to four RAD and/or Cartridge Disk Units are mounted in a single cabinet. The Controller is housed in the host mainframe.

Manually set write/protect switches protect recorded data by disabling write circuitry in groups of 655,360 bytes.



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Specifications

Operating Characteristics

Storage Capacity/Unit	
Model 3203	1,310,720 bytes (128 tracks)
Model 3204	2,621,440 bytes (256 tracks)
Nominal Access Time*	
Average	8.5 msec.
Maximum	17 msec.
Nominal Transfer Rate	
Single Sector	755,200 bytes/sec.
Multiple Sectors	604,480 bytes/sec.
Recording Format	256 bytes/sector 40 sectors/track

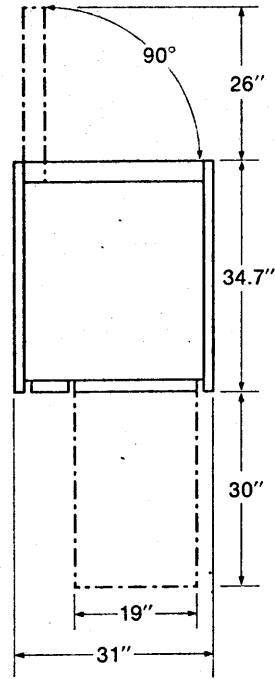
Physical Dimensions

RAD Unit	
Height	10.5 in.
Width	19 in.
Depth	30 in.
Weight	95 lbs.
Cabinet (up to four units)	
Height	63.4 in.
Width	31 in.
Depth	34.7 in.

Controller

Space is provided within the host mainframe.

*Can be reduced to near-zero under special program control.



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NOTE: All dimensions are approximate.