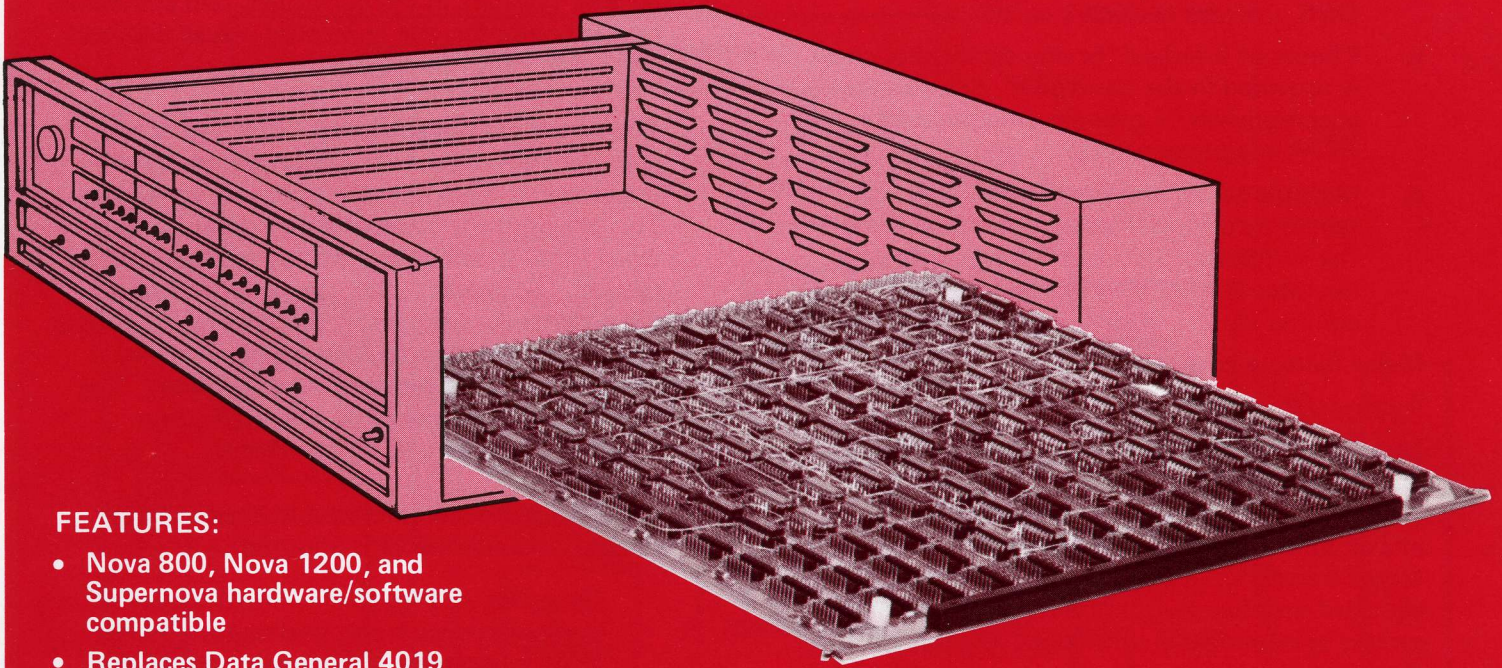


DMS-16

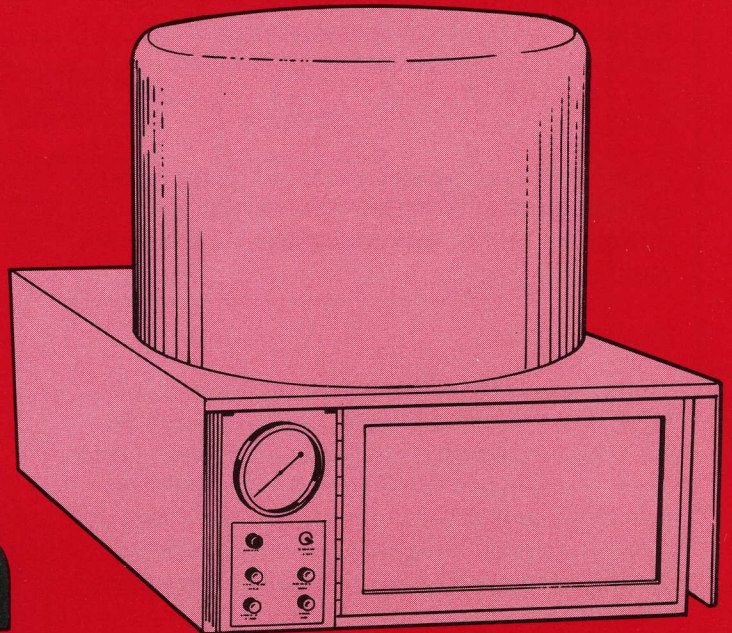
DISC MEMORY SYSTEM

Digital Development Corporation has employed its vast experience in rotating memory devices to the development of a memory system designated as the DMS-16. The DMS-16 is a self-contained, modular, and fast bulk storage disc memory and control system which interfaces with the Data General Corporation Nova 800, Nova 1200, and Supernova computers (all models) without adaptors or computer modification. It is a direct replacement for Data General's Model 4019 disc control and Novadisc.



FEATURES:

- Nova 800, Nova 1200, and Supernova hardware/software compatible
- Replaces Data General 4019 Disc control and Novadisc
- Includes rugged, reliable, DDC disc memories
- Fast access
- High performance
- Up to 4096K words with standard Data General software
- Multiple sector transfer capability
- Selectable sector interlace factor
- Up to four disc memory units per controller with optional multiplexer
- Modular design
- Custom options



DDC

SPECIFICATIONS

SYSTEM

DMS-16 Capacity (Standard Software)

Minimum	256K words (K=1024)
Incremental	256K words
Maximum	4096K words*

Disc Memory Capacity

6000 Series	256K or 512K words
7310 Series	256K to 4096K words
9100 Series	512K to 8192K words

Capacity Per Track

4096 Words (7310/6000)
8192 Words (9100)

Average Access Time

8.5 msec (read/write)(7310/6000)
17.0 msec (read/write)(9100)

Data Transfer Rate (Average)

240,844 words/sec (0 interlace)
80,281 words/sec (3 interlace)

Data Transfer Length

1 - 256 sectors

Maximum Transfer Latency

14.0 μ sec with 1.2 μ sec core

Data Transfer

DMA

CONTROLLER

The controller consists of one 15 x 15-inch circuit board mounted within the CPU.

*By multiplexing discs

Specifications herein cover our off-the-shelf unit and are not intended as inflexible standards. We welcome discussions of your special applications and needs. For more detailed specifications or applications assistance, please write or call Digital Development Corporation, Marketing Department.

The contents of this specification are subject to change without prior notice.



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