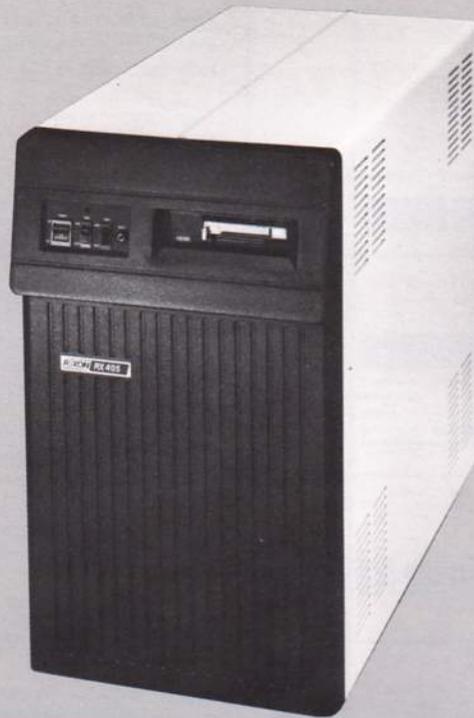


# REXON RX405 COMPUTER SYSTEM



**High-volume productivity and  
80286 performance for 32 users**

## Features:

- Supports up to 32 users
- **High Performance:**
  - 80286-based processor running at 10 MHz
  - Memory up to 2 megabytes with no wait states
  - Disk storage to 454 MB with 20ms access
  - 60MB streaming cartridge tape
- **Versatility:**
  - Host for IBM Personal Computers
  - Optional diskettes and 1/2-inch magnetic tape for data interchange
  - Data communications capability
- **Rexon Total-System Reliability in:**
  - Terminals and other peripherals
  - Software
  - Product support

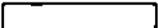
The RX405 is a supermicrocomputer designed for speed and performance in the high-volume multiuser environment. Its 10-megahertz Intel 286-based processor runs with no wait states and its 227-megabyte disk has an average access of only 20 milliseconds. Half a megabyte of 200-nano-second memory is standard, along with four serial ports, two parallel printer ports, and a streaming tape drive that packs 60 megabytes on a 1/4-inch cartridge.

The RX405 can be easily expanded with up to 28 more serial ports, a second 227MB disk, up to 2 megabytes of memory, and additional printer ports. Diskette units, a 1/2-inch reel-to-reel tape drive, and communication support are available for data interchange with other computers.

Rexon is a total-system supplier with a worldwide reputation for product endurance and reliability. Complementing the RX405 are terminals and other peripherals, along with a wide range of software: operating systems, languages and other development tools, support for attached personal computers, and application packages.

# RX405 Features and Specifications

## RX405 CONFIGURATION SUMMARY

Features	System Growth Modules*	Maximum System
<b>PROCESSING POWER</b>		
Main Processor	80286 • 10 MHz CPU	
Floating Point Processor	80287	
Memory • 200 ns cycle	512KB 512KB 512KB 512KB	2 megabytes
<b>MASS STORAGE AND BACKUP</b>		
Disk Storage • 20 ms access	227 megabytes 227 megabytes	454 megabytes
Cartridge Tape • Streaming at 90 ips	60 megabytes per cartridge	1 per system
<b>DEVICE PORTS</b>		
Serial Ports • RS232C • 110-19200 bps • IBM PC attachable	4 4 4 4 4 4 4 4	32 serial ports per system
Parallel Ports • Centronics-compatible	2 2 2 2	8 parallel ports per system
<b>DATA INTERCHANGE</b>		
Diskette Units • For 5 1/4-inch diskettes • For 8-inch diskettes	 • IBM compatible  • IBM compatible	1 diskette unit per system
1/2-inch Magnetic Tape Unit • Streaming at up to 100 ips	 • IBM compatible • 1600/3200 bps • Standard computer reels	1 per system
Synchronous Communication Channel	 • IBM 2780/3780 BSC	1 per system
* Legend Standard feature in all systems:  Optional feature; field-installable for later growth:  <small>Note: The availability or capacity of certain features may depend on operating system software, on the presence or absence of other features, and on date of system manufacture.</small>		
<b>SERVICEABILITY</b>		
Standard features in all Rexon systems: • Firmware-resident self-test program with dual mode error display (on CRT terminal and in indicator lights on processor board). • Comprehensive diagnostic software. • Remote access to system via modems for software support.		

### Processors

#### Main Processor

Intel 80286 (iAPX 286) provides on-chip memory management. Instruction set is optimized for high performance multi-tasking. Processor cycle rate: 10 MHz with no wait states. Memory cycle time: 200 nsec.

#### Optional Numeric Co-Processor

Intel 80287 with floating point, extended integer, BCD data types.

### Memory

#### Standard

512K bytes on processor board.

#### Optional Plug-in Modules

- 512KB on processor board  
- 1 MB on additional board.

### Winchester Disk Storage

8 in. sealed Winchester disk. Capacity: 227MB (unformatted). One or two disks per system.

#### Performance

Recording density: 9720 bpi.  
Track density: 1040 tracks/in.  
Average access time:  
• 8.3 msec rotational latency  
• 20 msec average seek time.  
Transfer rate: 9.68 Mbits/sec.

### Cartridge Tape Unit

For fast, easy to use disk backup and file save/reload.

Stores up to 60 megabytes on 1/4 in., 600-foot cartridge.

#### Performance

Streaming speed: 90 ips.  
Recording: 9 tracks at 8000 bpi.

### 5 1/4-in. Diskette Unit

Cable-connected desktop unit. Reads/writes IBM PC AT diskettes (2-sided, 96 tracks/in.). Reads IBM PC diskettes (1- or 2-sided, 48 tracks/in.).

### 8-in. Diskette Unit

Cable-connected desktop unit. Reads/writes IBM 8-in. diskettes (1- or 2-sided, single- or double-density).

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### 1/2-in. Magnetic Tape Unit

9 track reel-to-reel drive for mainframe data interchange or high-volume disk backup.

Reads/writes IBM-compatible Performance

#### Streaming backup:

100 ips/1600 bpi

50 ips/3200 bpi

Data interchange: 25 ips/600

### Physical Planning

#### Size

Height: 28 1/2 in. / 67 cm.

Width: 15 in. / 38 cm.

Depth: 31 1/2 in. / 80 cm.

#### Electrical

50Hz/60Hz

100VAC/115VAC/230VAC

1000VA

#### Temperature and Humidity

Operating environment:

50°F to 85°F / 10°C to 30°C

20% to 80% noncondensing

Rexon computer systems are available from authorized representatives in North and South America, Europe and the Pacific.

Specifications subject to change. Rexon products are continually being enhanced and improved.



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### AUTHORIZED DEALER