

Hayes™ Modems Put REAL COMMUNICATIONS POWER Where You Need It



Hayes™ Century™ 2 Rack System

*Featuring Hayes Century 2
OPTIMA™ 336
V.34 + FAX Modems*

With
SNMP!

Do your communication requirements call for the fastest available throughput, no downtime, remote management capability, and quick, easy setup?

Hayes Century 2 is the perfect answer, offering rugged, reliable, multiple 336 modem solutions for a wide variety of data and FAX applications. Take it out of the box, plug it in, connect the phone lines and go. All at one of the industry's lowest costs per port.

Hayes Century 2 Rack System, with its 19-inch, rack-mount, central-site capability, houses eight or sixteen OPTIMA V.34 + FAX modems. The system also includes SNMP agent software support and power-loss busy switches. You can manage your Century 2 chassis with the same SNMP management screen you use for your other network devices.

Hayes Century 2 is the right choice for users who need to transfer large volumes of data. Hayes OPTIMA V.34 + FAX modem cards employ Hayes superior implementation of V.42bis, to provide 8x data compression for extraordinary speed.

Hayes Century 2 supports throughputs up to a megabyte of data a minute, with speeds up to 230,400 bits/s. The modems support 33.6 data and 14,400 bits/s send and receive fax, providing a comprehensive, high-speed data/fax modem solution. Hayes Century 2 is ideal for inbound/outbound faxing, remote user access, Internet access, host computer access and customer service applications.

Hayes Century 2

- Century 2 is available in two configurations:
 - Fully populated rack with sixteen line cards featuring Hayes Century 2 OPTIMA V.34 + FAX modems.
 - Partially populated rack with eight line cards featuring Hayes Century 2 OPTIMA V.34 + FAX modems and eight empty slots allowing for future expansion of up to a total of sixteen line cards.
- Simple installation and replacement.
- Pre-assembled and pre-configured for easy installation.
- SNMP Proxy Agent with SNMP Management Information Base (MIB) works with all leading standard SNMP based management packages.
- Century 2 allows you to monitor your chassis' temperature remotely. Your SNMP Management software can then send a page or activate an alarm when it rises too high.
- Compile full statistics on port usage to determine how many ports are used at what hours of the day.
- Modem control and status using Front Panel Display, Century Control Station software or SNMP Agent.
- Low-profile chassis fits into a standard 19-inch rack or desktop placement.
- Hot Swap modem feature allows instant swap of line cards. No powering down of chassis required.
- 33,600 bits/s data speed, with throughputs up to 230,400 bits/s using data compression.
- Versatile data transmissions - asynchronous, synchronous, Hayes™ AutoSync™, Dial-up, or Leased Line (two-wire).
- Provides the highest send/receive fax speed available (14,400 bits/s); supports Class 1 and 2.
- Convenient, internal power supply with spares available.

Hayes™ Century™ 2 Rack System

Speed and Features You Can Rely On

Hayes Century 2 Featuring Hayes Century 2 OPTIMA 336 V.34 + FAX Modems

High-Speed Data

Powerful V.34 modem provides 33,600 bits/s and supports lower speed data transfers.

Enhanced Management

SNMP Proxy Agent with Management Information Base (MIB) works with all leading standard SNMP based management packages to allow full-time local monitoring and remote management capability simultaneously from the local monitoring station. Expanded local control station capabilities allow you to configure and monitor up to 16 Century 2 Rack Systems (256 modems) per station.

Modem Capacity

Century 2 is available in two configurations. A fully populated rack with sixteen line cards featuring Hayes Century 2 OPTIMA V.34 + FAX modems or a partially populated rack with eight linecards featuring Hayes Century 2 OPTIMA V.34 + FAX modems and empty slots allowing for future expansion up to a total of sixteen line cards.

Comprehensive Busy Out

By Default - System will automatically busy out when a line card is removed.

Local - Busy out buttons are provided on each line card and through the Front Panel Display.

Remote - Selectable feature under both SNMP Proxy Agent and Local Control Station software allows you to busy out a modem from 10 feet or 1000 miles away.

Remote Configuration

Remote Office installations and reconfigurations are made easy. No remote office intervention is required to reconfigure modems. In addition, our broadcast capability allows you to send the reconfiguration to one or all modems at the same time.

Advanced Communications Features

Supports Caller ID with single- or multiple-message formats, telephone calling card (bong) tone, Distinctive Ring detection, and two-wire leased line.

Loopback Diagnostics

Test phone lines for noise and connect conditions from your central office without the need of remote office intervention. Century 2 has now truly automated this process, giving you a powerful and easy diagnostic tool.

High-Speed Fax

Provides the highest send/receive fax speed available (14,400 bits/s); supports Class 1 and 2.

Hot Swap

Service and upgrades won't interrupt communications, since modems can be added or replaced without powering down the chassis.

Error-Control

Helps protect your data and ensures accurate data transmission with V.42 ITV-T error-control standard; compatible with earlier MNP 2-4 protocols.

Fall Back/Step Up

Optimizes transmission by lowering the speed if phone line quality deteriorates, and raising the speed as line quality improves.

Asynchronous and Synchronous

Supports the most popular data formats for communications with other personal computers, online services, and bulletin boards, as well as standard synchronous transmissions with mainframes and mini-computers.

Power-loss Busy Enable Switch

Automatically sets up busy enable on the modem card as a default if power-loss or modem removal occurs

DTE Interface

Connects each modem to a DTE via a standard RS232 serial port.

Flash ROM Upgrades

Eliminates obsolescence by providing fast, easy, and flexible upgrades to your modems, gaining fast access to new features when available.

Hayes Standard AT Command Set

Full support of this industry standard for modem operation with the large installed worldwide base of modems and communication software.

Hayes Patented Improved Escape Sequence With Guard Time

Allows the modem to reliably escape from online mode to command mode without being accidentally triggered by transmitted data. U.S. Patent 4,549,302, granted to Hayes in 1985, and subsequent patents granted in Canada, Great Britain, France, Germany, Italy, Hong Kong, Singapore, and Japan.

Security

Supports access and data security, such as Dial-back Reference, User ID, and Password Protection, now at maximum speed.

LCD Front Panel Display

Modem control and status are at your fingertips with the 12-character control panel LCD and its five selection buttons.

Low-Profile Chassis

Measures only 5.3"(H) x 12"(W) x 19"(L), for space-saving mounting into any standard 19-inch equipment cabinet. Also can be used on desktop or shelf.

Data Compression

Our superior implementation of standard V.42bis data compression provides data throughput speeds up to 230,400 bits/s, up to twice the performances of other V.34 modems. MNP 5 protocol is also supported.

Internal Power Supply

Modular, internal power supply allows easy removal and replacement of the power supply, if required; provides power for all modems and the chassis with spares available. *Draws only 75 watts for easy UPS backups.*

Voltage - Input 100-125VAC - 75 WATTS

Weight - Fully loaded approximately 24 lbs.

Dimensions - 5.3"(H) x 12"(W) x 19"(L)

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