

High performance to go



RS/6000 Notebook 860

Highlights

Extraordinary workstation-class notebook system

The RS/6000 Notebook 860 with AIX*, IBM's award-winning UNIX**, PowerPC* technology, and 3D graphics capability can deliver outstanding workstation performance on many popular applications – applications that you can now also use in a mobile environment.*

Minimum footprint ... maximum performance

The 166 MHz PowerPC 603e microprocessor delivers integer and floating-point performance similar to 166 MHz desktop models in a traditional notebook-size package.*

Outstanding expansion

Memory can expand from 32MB to 96MB and internal disk storage can expand from 1.2GB to 2.0GB.

Wide range of applications

The Notebook 860 runs a multitude of solutions, including personal productivity applications, complex scientific graphics applications and commercial databases.

Exceptional graphics

The 12.1" TFT display, with brilliant color and 1024 x 768 resolution, supports graphical presentations in a mobile environment.

Networking and connectivity

*With Ethernet**, Token-Ring, serial, parallel, SCSI-2, video-in and 28.8 fax/modem (available in selected countries only) ports, you are ready to communicate, access data, or print reports with an optional printer.*

Customer solutions

The RS/6000 Model 860 Notebook is the most powerful RISC-based notebook currently available from IBM! It combines desktop workstation performance, graphics capabilities, network connectivity, and industry common I/O ports to enable powerful solutions in a notebook package.



RS/6000 Notebook 860

Feature	Benefit
Workstation operation	<ul style="list-style-type: none"> • Enables you to use your existing, powerful AIX applications • Delivers integer and floating-point performance similar to a 166 MHz workstation
Built-in 2D plus optional 3D graphics capability	<ul style="list-style-type: none"> • Allows you to use many graphics-dependent applications in a mobile environment as if you were in a desktop environment
Power management	<ul style="list-style-type: none"> • Extends battery life to help increase your productivity
Flexible network access options	<ul style="list-style-type: none"> • Allow you to access files, applications, networks, the Internet, and other systems and users through either Ethernet, Token-Ring, or a 28.8 fax/modem (available in selected countries only)
Common industry I/O	<ul style="list-style-type: none"> • Connects to your existing SCSI-2 disk, tape, and other storage devices and provides future growth options • Lets you use many serial and parallel peripherals, such as printers
Powerful multimedia system	<ul style="list-style-type: none"> • Provides a video-in port, stereo speakers and built-in microphone, plus an optional camera
External monitor connection	<ul style="list-style-type: none"> • Attaches to an external monitor that supports up to 1280 x 1024 resolution for running powerful graphics applications, and to an external projection system for presentations and sales demos
AIX operating system	<ul style="list-style-type: none"> • Provides a wealth of multiuser communications and systems management technologies • Complies with most major industry standards¹

¹ AIX Version 4 has received X/Open XPG4 branding and UNIX 93 branding.

With this small, rugged system, your current, powerful AIX applications are available almost anywhere: at the office, remote job, customer site, home, on a plane, boat, train, or the space shuttle!

The fastest IBM RISC-based notebook, the Notebook 860 outperforms the ThinkPad* Power Series 850 notebook system by up to 50%. And the 860's integrated GT20 graphics adapter has twice the Xmark93 graphics power of the ThinkPad 850's graphics adapter.

The Notebook 860's great performance, graphics capability, and mobile packaging makes it an attractive system for application development and industry-specific solutions, such as graphical information systems that require on-site map viewing and analysis, or on-site consulting for Internet Web page construction, network design, and application development.

In the medical field, this notebook can be an effective tool for hospital patient care systems, telemedicine, remote imaging, and diagnostic applications.

As a great portable sales tool, the 860 can display colorful sales presentations and demonstrations. It is also easily transported to remote field sites for data acquisition and analysis as required in the petroleum industry or many government applications.

A powerful operating environment

The Notebook 860 runs AIX, IBM's award-winning operating system. This fully functional, mobile UNIX platform enables you to utilize many complex applications away from your office. In addition, AIX provides a wealth of multiuser communications, networking, and systems management features.

Uncompromised viewing quality

True workstation power is of minimal value without the ability to visualize. The Notebook 860's 12.1-inch TFT display delivers brilliant color in 1024 x 768 resolution.

For outstanding 2D graphics performance, the built-in GT20 graphics

adapter features video input capability with motion-video and playback functions. In fact, with AIX's Softgraphics software support for the OpenGL and PHIGS 3D APIs, 3D graphics capability is at your fingertips.

For high-resolution graphics application requirements, the Notebook 860 connects to an external monitor that supports up to 1280 x 1024 resolution. It can also attach to an external projection system for impressive presentations and sales demonstrations.

Stay in touch while on the go

Connectivity is vital to a mobile workstation. By providing Ethernet, Token-Ring, and 28.8 fax/modem connections (available in selected countries), you can maintain the same networking connectivity to which you are accustomed on your current workstation. These options enable you to access remote data files, applications, networks, and other users as well as the Internet, enhancing the capability of your system and your productivity – almost anywhere.

RS/6000 Notebook 860 at a glance

Standard configuration

Microprocessor:	166 MHz PowerPC 603e	Internal disk drive:	1.2GB removable SCSI-2
Level 1 (L1) cache:	16KB data/16KB instruction	Diskette drive:	External, 3.5-inch, 1.44MB
Level 2 (L2) cache:	256KB	CD-ROM drive:	Double-speed, 680MB
RAM (memory):	32MB IC DRAM	PCMCIA slots:	Two Type II or one Type III
Memory bus width:	64-bit		
Ports:	SCSI-2, keyboard/mouse, parallel, serial, audio, video, and external display		

Standard features	12.1-inch TFT display	Integrated stereo speakers and microphone
	Integrated GT20 graphics adapter	Power cord
	Keyboard with TrackPoint® III pointing device	Battery pack
	External three-button mouse	Universal AC adapter

System expansion

RAM:	Up to 96MB	Internal disk storage:	Up to 1.2GB
Additional hard drive¹:	810MB	Total internal storage:	Up to 2GB ¹
External disk drive:	Up to 4.5GB		

System dimensions: 2.4" H x 11.7" W x 10.2" D (61 mm x 297 mm x 260 mm); 8.5 lbs (3.8 Kg)²

Operating system: AIX Version 4.1.5

Warranty: One year (limited)

¹When a secondary hard disk drive adapter is installed in CD-ROM drive bay, you cannot use the CD-ROM drive.

²Base machine with minimum disk, adapters, and devices; weight will vary when additional disks, adapters, and other peripherals are installed.

The Model 860's built-in SCSI-2 port enables you to connect to SCSI-2 external devices, such as disk and tape storage units, providing constant access to your data. The industry-common serial and parallel ports provide attachment capability to existing printers and peripheral equipment. Two PCMCIA slots (Type II) support telecommunications.

A valuable multimedia resource

With its built-in video port, microphone, stereo speakers, and optional camera, the Notebook 860 is also a powerful multimedia system that can run many sophisticated network and multimedia applications. The video-in port is especially useful for developing multimedia applications and making them Internet-enabled.

Extended battery life

The power management features built into both the Notebook 860 and AIX help increase the amount of productive time

the notebook is available. Customizable controls, such as sleep/resume, can also help extend the life of the battery. The Notebook 860 is Energy Star compliant.

Supported features and devices

The Notebook 860 supports an assortment of the following types of optional features and devices:

- Communications adapters, including:
 - PCMCIA Ethernet 10Base2
 - PCMCIA Ethernet 10BaseT
 - PCMCIA Token-Ring Auto 16/4
 - 28.8 Kbps/14.4 Kbps Data/Fax Modem (*available in selected countries only*)
- Input devices, including a PS/2* miniature mouse
- Multimedia devices, including a personal microphone and snap-on camera
- Power accessories, including a NiMH battery pack and an additional 50-Watt AC adapter

- External disk storage, including the 7204 4.5GB External Disk Drive

For a complete list of supported and optional features and devices, refer to the latest RS/6000 Workstations: Facts and Features brochure (G3260423); or contact your IBM marketing representative or IBM Business Partner.

Investment confidence

By using PowerPC technology, the Notebook 860 offers an excellent cost of ownership over its life. Whether you use your notebook for technical CAD, remote mapping view, data acquisition, sales force automation, or many other applications, the Notebook 860 is an outstanding power and performance choice wherever space is at a premium or mobility is required.

Service and support

The RS/6000 Notebook 860 is backed by IBM's worldwide on-site service and support. IBM's commitment is behind every system sold, in order to provide the highest possible customer satisfaction.

IBM customer financing provides an additional incentive. An array of attractive and flexible financing programs eases the acquisition of new technology and helps protect you from the risk of obsolescence.

More information

- Contact your IBM marketing representative or IBM Business Partner.
- Access <http://www.rs6000.ibm.com> on the Internet to get to the RS/6000 Products and Services page[‡] on IBM's World Wide Web server, and then select the Hardware option.
- Call (415) 855-4329, a U.S. phone number, to have information faxed to your location. In the U.S., call 1 800 IBM-4FAX (1 800 426-4329).



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‡ The IBM home page on the Internet can be found at <http://www.ibm.com>

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