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** | - 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** | - Allows you to use many graphics-dependent applications in a mobile environment as if you were in a desktop environment

**Power management** | - Extends battery life to help increase your productivity

**Flexible network access options** | - 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** | - 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** | - Provides a video-in port, stereo speakers and built-in microphone, plus an optional camera

**External monitor connection** | - 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** | - 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.
### Standard configuration

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microprocessor</td>
<td>166 MHz PowerPC 603e</td>
</tr>
<tr>
<td>Level 1 (L1) cache</td>
<td>16KB data/16KB instruction</td>
</tr>
<tr>
<td>Level 2 (L2) cache</td>
<td>256KB</td>
</tr>
<tr>
<td>RAM (memory)</td>
<td>32MB IC DRAM</td>
</tr>
<tr>
<td>Memory bus width</td>
<td>64-bit</td>
</tr>
<tr>
<td>Internal disk drive</td>
<td>1.2GB removable SCSI-2</td>
</tr>
<tr>
<td>Diskette drive</td>
<td>External, 3.5-inch, 1.44MB</td>
</tr>
<tr>
<td>CD-ROM drive</td>
<td>Double-speed, 680MB</td>
</tr>
<tr>
<td>PCMCIA slots</td>
<td>Two Type II or one Type III</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAM</td>
<td>Up to 96MB</td>
</tr>
<tr>
<td>Additional hard drive¹</td>
<td>810MB</td>
</tr>
<tr>
<td>External disk drive</td>
<td>Up to 4.5GB</td>
</tr>
<tr>
<td>Internal disk storage</td>
<td>Up to 1.2GB</td>
</tr>
<tr>
<td>Total internal storage¹</td>
<td>Up to 2GB</td>
</tr>
</tbody>
</table>

### 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)

### 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

### 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).

Worldwide telephone numbers

<table>
<thead>
<tr>
<th>IBM Asia Pacific</th>
<th>IBM Europe, Middle East, or Africa, cont.</th>
<th>IBM Latin America</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia 132-426x RS/INFO</td>
<td>Norway 47-6699-9191</td>
<td>Argentina 319-6666</td>
</tr>
<tr>
<td>Bangladesh 880-2-889-783</td>
<td>Poland 482-625-1010</td>
<td>Bolivia 591-2-361-555</td>
</tr>
<tr>
<td>China (PRC) 10-437-6677 x CRC</td>
<td>Portugal 251-1-7915880</td>
<td>Brazil 0800-11-1426 x317</td>
</tr>
<tr>
<td>Beijing 20-777-7268 x CRC</td>
<td>Romania 401-6158267</td>
<td>Chile 800-216-216, or 56-2-200-60-64</td>
</tr>
<tr>
<td>Guangzhou 21-6280-1070 x CRC</td>
<td>Russia 431-21145-5726</td>
<td>Colombia 8800-1755</td>
</tr>
<tr>
<td>Shanghai 852-2825-7878</td>
<td>Saudi Arabia 966-02-600007</td>
<td>Costa Rica 506-223-6222</td>
</tr>
<tr>
<td>India (TATA) 080-526-9050</td>
<td>Slovakia 427-7806-111</td>
<td>Dominican 809-566-5161</td>
</tr>
<tr>
<td>Indonesia 21-251-2922</td>
<td>Slovenija 38661-1252154</td>
<td>Ecuador 593-432-1444 x228</td>
</tr>
<tr>
<td>Japan 0120-0-6025</td>
<td>South Africa 27-800-128-129</td>
<td>El Salvador 503-298-5011</td>
</tr>
<tr>
<td>Korea 02-781-7114</td>
<td>Spain 34-901-100-400</td>
<td>Guatemala 502-331-5859</td>
</tr>
<tr>
<td>Malaysia 03-717-7788</td>
<td>Sweden 46-2022-0203</td>
<td>Honduras 504-322-309</td>
</tr>
<tr>
<td>New Zealand 0800-801-800</td>
<td>Switzerland 41-155-1225</td>
<td>Mexico (5) 627-2444 x3333</td>
</tr>
<tr>
<td>Philippines 02-819-2426</td>
<td>Turkey 90-212-2800900</td>
<td>Nicaragua 505-266-4141</td>
</tr>
<tr>
<td>Singapore 1-800-320-1234</td>
<td>UK 01705-492149</td>
<td>Panama 507-263-9977</td>
</tr>
<tr>
<td>Sri Lanka 01-440810</td>
<td>Ukraine 38044-2270225</td>
<td>Paraguay 595-21-444-094 x210</td>
</tr>
<tr>
<td>Thailand 02-273-4444</td>
<td>IBM North America</td>
<td>Peru 511-349-0050</td>
</tr>
<tr>
<td>Vietnam Hanoi 84-4-426316</td>
<td>Canada 1-800-363-RISC</td>
<td>Uruguay 2-92-36-17</td>
</tr>
<tr>
<td>Ho Chi Minh 84-8-241474</td>
<td>(1-800-IBM-CALL)</td>
<td>Venezuela 800-33-426</td>
</tr>
</tbody>
</table>

IBM Asia Pacific
- Albania 35-542-32025
- Austria 43-1-21145-2500
- Belgium 32-2-225-3600
- Bosnia 38-771-219388
- Bulgaria 3592-731076
- Croatia 3851-6124500
- Czech Republic 422-6710-6111
- Denmark 4545-8031-6000
- Egypt 202-3492533
- Finland 358-9800-42680
- France 33-16-3833-4141
- FYR of Macedonia 38991-113144
- Germany 49-0180-55090
- Greece 30-1-688-1476
- Hungary 361-165442
- Ireland 353-18-5202-3205
- Israel 972-177-022-3898
- Italy 39-16-3833-4141
- Netherlands 31-20-513-5151

IBM Europe, Middle East, or Africa, cont.
- Albania 35-542-32025
- Austria 43-1-21145-2500
- Belgium 32-2-225-3600
- Bosnia 38-771-219388
- Bulgaria 3592-731076
- Croatia 3851-6124500
- Czech Republic 422-6710-6111
- Denmark 4545-8031-6000
- Egypt 202-3492533
- Finland 358-9800-42680
- France 33-16-3833-4141
- FYR of Macedonia 38991-113144
- Germany 49-0180-55090
- Greece 30-1-688-1476
- Hungary 361-165442
- Ireland 353-18-5202-3205
- Israel 972-177-022-3898
- Italy 39-16-3833-4141
- Netherlands 31-20-513-5151

IBM Latin America
- Argentina 319-6666
- Bolivia 591-2-361-555
- Brazil 0800-11-1426 x317
- Chile 800-216-216, or 56-2-200-60-64
- Colombia 8800-1755
- Costa Rica 506-223-6222
- Dominican 809-566-5161
- Ecuador 593-432-1444 x228
- El Salvador 503-298-5011
- Guatemala 502-331-5859
- Honduras 504-322-309
- Mexico (5) 627-2444 x3333
- Nicaragua 505-266-4141
- Panama 507-263-9977
- Paraguay 595-21-444-094 x210
- Peru 511-349-0050
- Uruguay 2-92-36-17
- Venezuela 800-33-426

IBM North America
- Canada 1-800-363-RISC (1-800-363-7472)
- United States 1-800-IBM-CALL (1-800-426-2255)