

# RS 300 *Series*

RELATIONAL SERVER

*High performance  
database management  
for the office*



BRITTON LEE, INCORPORATED



*A high-performance  
database solution  
for the office  
from Britton Lee*

Britton Lee has packaged the power and functionality of its IDM 500 Series Intelligent Database Machines™ in a size for the office. The Relational Server RS 310 is the first high-performance database machine in an office-sized package for an office-sized price.

**We have been solving  
data management problems  
since 1981**

Britton Lee's database systems are a hardware and software implementation of relational database management. Our existing relational system, the 500 Series, has been managing database activities for mainframes and minicomputers since 1981 for such companies as AT&T, Digital Equipment Corp., Texaco and Hughes Information Systems.

**Computer room performance  
in the office from Britton Lee**

Now Britton Lee has packaged the power and functionality of our large database systems in a size that will fit underneath your desk. The RS 310 is a "shirt-sleeve" database system tailored specifically for networked PC cluster

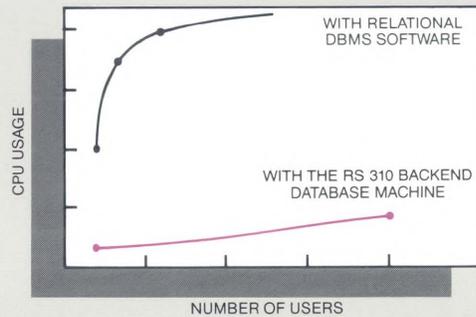
and UNIX® workstation database applications, yet it is fully compatible with the 500 Series.

**Productivity: fast answers**

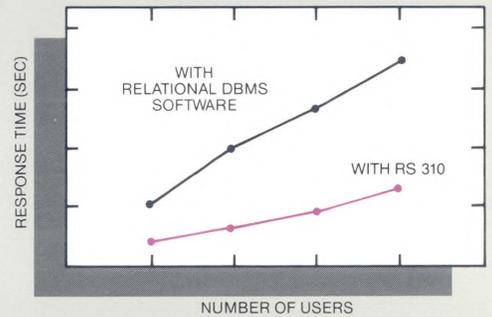
Searching databases can overload any computer running several software database applications simultaneously.

The RS 310, however, manages database activities independently of the host computer environment. Since the RS 310 is a hardware and software system, performance is far superior to that which can be achieved with conventional software database packages. The offloading of database management chores greatly reduces CPU usage and dramatically increases the productive user capacity of each computer system.

You get more answers, faster. And your workstations can do more work.



The RS 310 uses significantly less CPU than a software-only relational DBMS as the number of users increases.



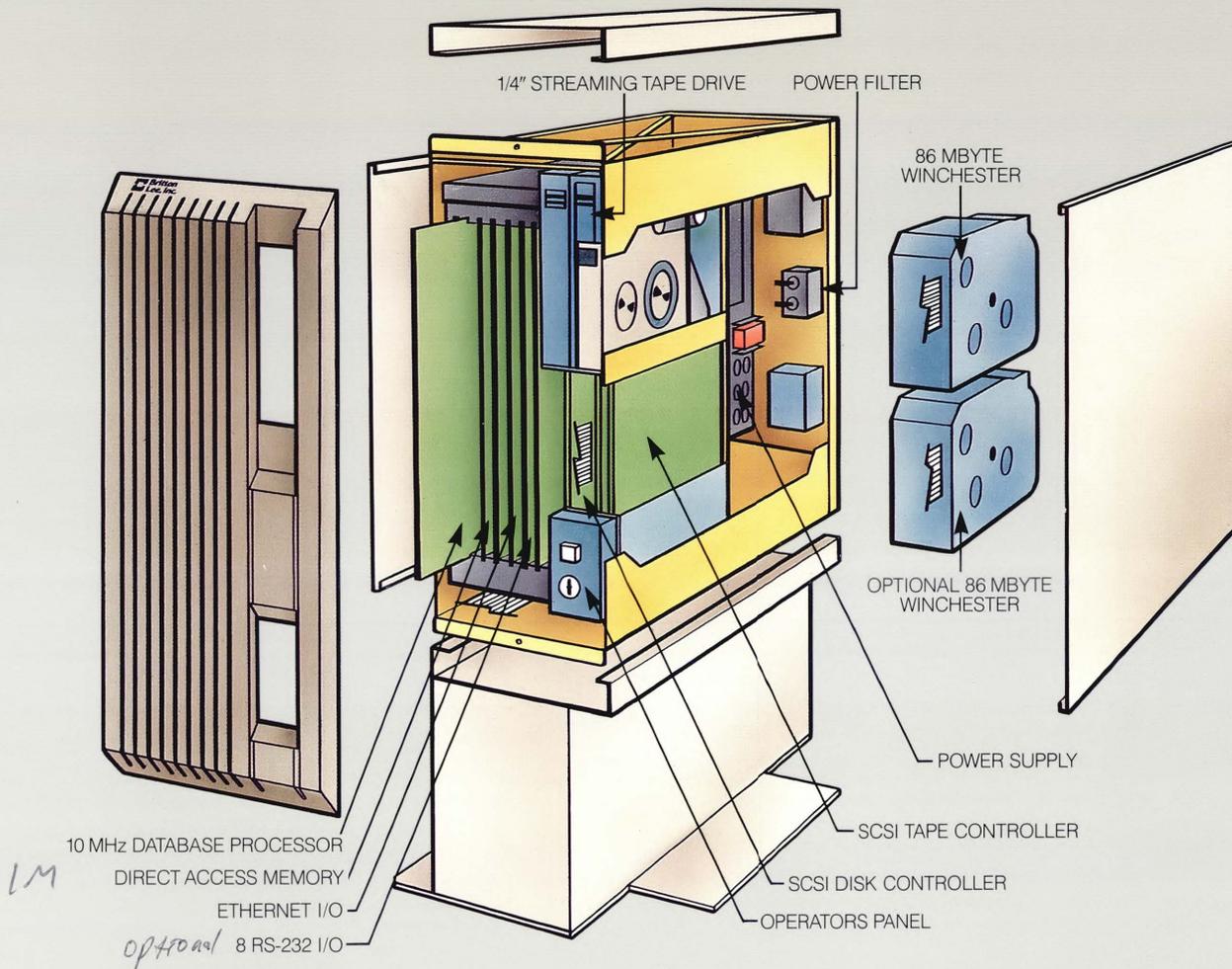
As the number of users increases, the RS 310 has significantly less impact on response time than a software-only relational DBMS.

### Leverage: multiple computer support

The RS 310 operates in a multi-host environment, allowing for computers of different manufacture to share common data. Thus your PCs, DEC MicroVAXs,<sup>®</sup> UNIX workstations, and others can

be networked to the RS 310, enabling them to share information. This multi-host support capability is an exclusive feature of Britton Lee systems. Conventional relational software packages don't and can't offer you this flexibility or economy.

Britton Lee's RS 310 is a "shirt-sleeve" database system tailored specifically for networked PC cluster and UNIX workstation database applications. The RS 310 offers high-performance database management in an office-sized package for an office-sized price.



## RS-310 highlights

The RS 310 is outfitted with 1 Mbyte of direct access memory, which dramatically enhances memory access timing.

Communication within the RS 310 is handled via the industry standard Small Computer Systems Interface (SCSI), which allows Britton Lee to select from a variety of "off-the-shelf" disk and tape drives, affording you the best possible match for your particular application. The SCSI interface also provides a convenient path for adding disk expansion and other types of host interfaces. With this flexibility in the SCSI architecture, Britton Lee will be able to quickly respond to new trends in office automation and networking.

An Ethernet local area network (LAN) allows the RS 310 to become the

"relational dataserver" for an entire department's network. Just as a "filesaver" acts as a common resource for storing memos and other text files, the RS 310 acts as a centralized server of data—all users on the network use the most current information and share in the dramatic performance afforded by the specialized design of the Britton Lee database system. The Relational System can process as many as 10 queries simultaneously, which in an average office environment can support as many as 50 active users.

### Relational System highlights

- Will support 10 simultaneous queries
- Will support databases in excess of 100 Mbytes
- 100% compatible with existing IDM 500 host software

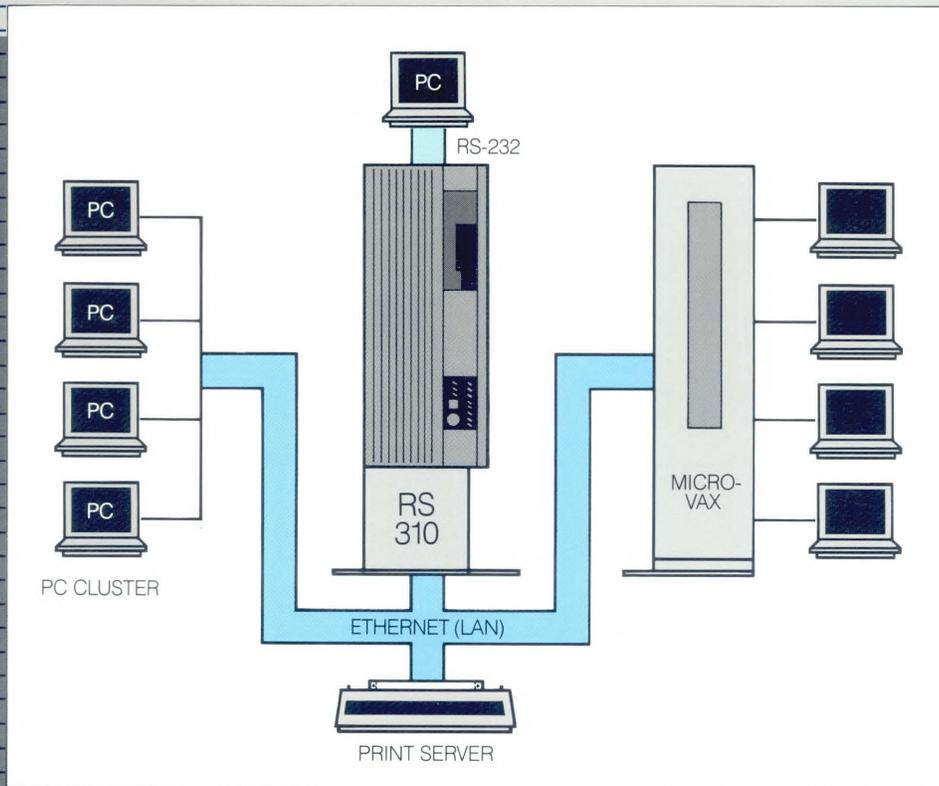
- Does not require computer room environment conditions
- Industry standard SCSI interface for maximum system flexibility

### Configuration

- 6 slot MultiBus cardcage
- 1 Mbyte direct access memory
- Ethernet LAN interface
- 86-Mbyte Winchester disk
- 60-Mbyte cartridge tape
- Small Computer Systems Interface (SCSI)
- 100% IDM 500 software compatibility

### Options

- 86 Mbyte Winchester disk
- RS-232 interface (8-channel)
- 3 available MultiBus slots



The RS 310 operates in a multi-host environment, allowing for computers of different manufacture to share common data. This multi-host support capability is an exclusive feature of Britton Lee systems.

### Leverage: shared data

By putting your shared data in *one place*, the RS 310 standardizes data, eliminates data redundancy, ensures data integrity and optimizes data security. Incompatible PCs and workstations share data in real-time because the RS 310 acts as the centralized "data-server" for the network—thus no host system, application or user is locked out of the centralized database—unless you want it that way.

### Strategic values: industry standards

The RS 310 was designed to easily integrate into your existing computer network via industry standard interfaces to widely accepted operating systems. The RS 310 supports UNIX, MS/DOS, and VAX/VMS® operating

systems; the SQL® query language; the Ethernet local area network (LAN); RS-232, and the SCSI interface standard.

### Modular configuration

The RS 310 can easily be expanded through the SCSI interface to add additional high capacity disk storage. As new, higher-capacity disk drives become available, they can easily be integrated into the system. The RS 310 is designed to grow as your database needs grow.

### Service and support

Britton Lee offers seven days a week, 24-hours a day product support to our customers. All of our systems have dedicated maintenance ports for immediate transmission of vital data to you and our support staff. Since we graphically view your problem on-line,

we can often make a quick diagnosis—and repair the problem—in real-time.

### Call for more information

The Britton Lee RS 310. State-of-the-art relational database made economical for the office. High performance. Minimum redundant storage. Data integrity. Data security. Industry standards. And more. Contact a Britton Lee sales representative for more information.

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UNIX is a registered trademark of AT&T Bell Laboratories.

SQL is a registered trademark of International Business Machines Corporation.

DEC MicroVAX and VAX/VMS are registered trademarks of Digital Equipment Corporation.

Britton Lee, Inc. reserves the right to change specifications without prior notice.

\$40K HW  
\$5K driver  
\$50K 86MB disk



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