

Borland® InterBase® 7.1

Feature Matrix

	DESKTOP EDITION	SERVER EDITION
Support for the most popular platforms		
New! Support for Microsoft® .NET Framework and Java™ development		✓
New! Support for Windows Server™ 2003	✓	✓
Cross-platform support lets you choose the most appropriate platform for your needs, including Windows,® UNIX,® and Linux®		✓
Transparent interoperability allows seamless database portability	✓	✓
High-performance engine architecture combined with native OS features provides increased scalability		
New! Hyper-threading support for Intel® Pentium® 4 and Intel® Xeon™ processors		✓
New! Enhancements to SMP support improve performance		✓
Thread safe client library-enhanced stability and improved performance for InterBase clients	✓	✓
Multigenerational architecture enables unparalleled concurrency between readers and writers	✓	✓
Native multi-threaded server with background garbage collection and multi-user page buffer management	✓	✓
Scalability from embedded, single-user applications to enterprise demands	✓	✓
Immediate automatic recovery from system failures	✓	✓
New! Enhanced “garbage collection” improves response and throughput	✓	✓
New! Improved performance during on-line backup-and-restore	✓	✓
Adherence to standards protects your software investment and enhances portability		
New! InterClient™ 4, a JDBC® 2.0 Type 4-compliant JDBC® driver for Java™ access		✓
New! Support for J2EE™ CMP2.x and datasource connections via InterClient 4		
New! Support for character sets including ISO8859_2 (Latin2), ISO8859_15 (Latin9) and KOI8-R	✓	✓
Improved ANSI SQL 92 (entry-level) conformance with BOOLEAN data type support	✓	✓
Unicode,® the universal character set, plus other international character sets	✓	✓
ODBC for Windows,® Linux,® and Solaris® applications	✓	✓
Easily connect to your databases with popular network protocols		
Internet socket communications over TCP/IP for access between networks		✓
Named pipes over NetBEUI on Windows networks		✓



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Develop		
New! Borland Data Provider, a new ADO.NET driver makes InterBase ".NET-ready"	✓	✓
New! Support for Borland® C# Builder™ and Microsoft® Visual Studio®	✓	✓
New! Dependency tracking of UDFs and generators in metadata	✓	✓
Support for multiple development tools including Borland® Delphi™ and Kylix,™ C++Builder,® and JBuilder®	✓	✓
Support for IBExpress™ and dbExpress native drivers in Delphi and Kylix	✓	✓
Stored procedures encapsulate business logic on server for reduced network traffic	✓	✓
Active database features include modular triggers and event alerters	✓	✓
User-defined functions for extensible query support	✓	✓
Delimited identifiers for flexible naming conventions	✓	✓
Blobs, subtypes, and filters to capture arbitrarily large, unstructured data	✓	✓
Cascading referential integrity constraints help reveal the validity of data	✓	✓
SQL-compliant DATE, TIME, and TIMESTAMP support	✓	✓
Large exact numeric support	✓	✓
Programmable services to administer and monitor databases	✓	✓
Very Large Data Base (VLDB): 64 bit I/O support allows databases in a single file to grow to terabytes in length	✓	✓
SQL ROWS feature gives better control of the result set	✓	✓
XML data-generation capability for InterBase clients	✓	✓
New! Support for the SQL99 SAVEPOINT function	✓	✓
Deploy		
New! Improved access to connection monitoring features directly from IBConsole	✓	✓
New! Unlimited user licensing available		✓
New! Cross platform installer with unified look and feel	✓	✓
Connection monitoring support for viewing, starting, stopping, and transactions	✓	✓
Easier installation and small footprint simplify deployment requirements	✓	✓
Silently embed InterBase into your applications with customizable install components	✓	✓
Regulate your application's usage by leveraging built-in licensing components	✓	✓
Deploy databases on CD ROM, DVD, and other read-only media	✓	✓

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Relax		
Online backups for continuous database availability	✓	✓
Self-tuning features to minimize database administration	✓	✓
Database replication synchronizes data when and where you want it	✓	✓
Asynchronous statement cancel gives you the ability to cancel queries	✓	✓
Metadata security allows protection of intellectual property	✓	✓

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