



HIGH-PERFORMANCE DURABLE ARCHITECTURE D	ESKTOP/TO-GO	SERVER	DEVELOPER
New! Over-the-Wire (OTW) Encryption encrypts the data as well as any other			
communications (commands, etc.) between servers and clients.	Х	Х	Х
New! Database and Column-level encryption to encrypt a database and/or individual columns in a database	X	Х	Х
New! Strong (AES) and Weak (DES) Encryption support	Х	Х	
New! To-Go Edition provides small, portable version of the Desktop Edition. Target applications for the To-Go Edition include small devices and public kiosks, as well as Value Added Reseller (VAR) applications that were built using InterBase. (To-Go Edition only)	х		
New! Encryption of backup files adds an additional layer of protection to your data		Х	Х
Journaling with Write Ahead Logging (WAL) technology improves VLDB management, and facilitates disaster recovery		x	х
Journal Archiving provides disaster recovery in the event a database becomes unavailable due to hardware or software failures that may make the primary database permanently inaccessible		X	X
Point-in-time-recovery allows journal based recovery based on timestamp for greater recovery flexibility	y	Х	Х
Online Dump provides backup for seamless incremental backup	Х	Х	Х
Batch Updates allow sending a group of SQL statements, reduces the network traffic resulting in improved performance, especially in LAN and WAN environments	X	X	X
SMP support for high performance on multiple CPU systems including multi core CPUs	X	X	X
Thread-safe client library-enhanced stability and improved performance for InterBase® clients	X	Х	X
Multigenerational architecture enables unparalleled concurrency between readers and writers	Х	Х	Х
Native multi-threaded server with background garbage collection and multi-user page-buffer management	X	X	X
Scalability from embedded, single-user applications to enterprise demands	×	X	X
Immediate automatic recovery from system failures	Х	Х	Х
Garbage collection improves response and throughput	Х	Х	Х
Improved memory management allocation algorithms	Х	Х	Х
Stored procedure and trigger cache management	Х	Х	Х
Sort buffer cache management	Х	Х	Х
Thread-private Latch Cache for enhanced SMP scalability	Х	Х	Х
ADHERENCE TO STANDARDS PROTECTS YOUR SOFTWARE INVESTMENT AND ENHANC	ES PORTABILI	ΙΤΥ	
Unicode, the universal character set, plus other international character sets	х	х	х
Support for character sets including ISO8859_2 (Latin2), ISO8859_15 (Latin9), and KOI8-R	×	Х	х
New! Extended support for International character support sets via Unicode (UCS-2) and UTF-8	X	Х	Х
ODBC for Windows®, Linux, and Solaris™ applications	х	х	
New! ODBC driver from DataDirect freely redistributable with InterBase	×	Х	
ANSI SQL92 (entry-level) conformance	×	Х	х
InterClient® 8.0, a JDBC [™] 2.0 Type 4-compliant JDBC driver for Java [™] access		Х	х
Support for J2EE™CMP2.x and data source connections through InterClient JDBC		Х	х
Global temporary tables	Х	Х	Х
CASE, COALESCE, and NULLIF	×	Х	х
EASILY CONNECT WITH POPULAR NETWORK PROTOCOLS			
Internet socket communications over TCP/IP for access between networks	Х	Х	
Named pipes over NetBEUI on Windows networks		Х	

BUILT FOR DEVELOPERS	DESKTOP/TO-GO	SERVER	DEVELOPER
Blob/Text SQL syntax enhancements allows use of BLOBs and VARCHAR data interchangeably, even in stored procedures	х	X	×
CodeGear Data Provider 2.5, an ADO.NET driver, makes InterBase ".NET-ready"	X	X	×
Support for multiple development tools, including CodeGear RAD Studio, Delphi®, C++Builder®, C#Builder®, 3rdRail™, and JBuilder®	X	×	X
Support for Microsoft® Visual Studio®, and other development environments	X	X	X
Support for IBExpress and dbExpress native drivers in CodeGear Developer Studio (Delphi, C++)	X	X	×
Can be installed on multiple machines for testing purposes			Х
Stored procedures encapsulate business logic on server for reduced network traffic	X	X	Х
Dependency tracking of UDFs and generators in metadata	X	X	Х
User-defined functions for extensible query support	X	X	Х
Active database features include modular triggers and event alerters	X	X	Х
Delimited identifiers for flexible naming conventions	X	X	Х
BLOBs, subtypes, and filters to capture arbitrarily large, unstructured data	X	X	X
Cascading referential integrity constraints help reveal the validity of data	X	X	×
SQL-compliant DATE, TIME, and TIMESTAMP support	X	X	X
Large exact numeric support	X	X	X
Programmable services to administer and monitor databases	X	X	X
Very Large Data Base (VLDB: 64 bit) I/O support allows databases in a single file to grow to terabytes in length	X	X	×
SQL ROWS feature gives better control of the result set	X	X	X
XML data-generation capability for InterBase clients	X	X	X
Support for the SQL99 SAVEPOINT function	X	X	X
Scalability testing on SMP machines with multiple connections, with Developer Edition	X		
Partner CD contains many popular tools for InterBase	X	X	
EASY TO EMBED AND DEPLOY			
Multiple instances of InterBase on the same machine	х	Х	
Automatic rerouting of databases	X	X	
Server-side database alias	X	X	Х
Improved access to connection monitoring features directly from IBConsole	X	Х	Х
Unlimited user licensing available	X		
Cross-platform installer with unified look and feel	X	X	Х
Connection monitoring support for viewing, starting, stopping, and transactions	X	X	Х
Easier installation and small footprint simplify deployment requirements	X	X	X
Silently embed InterBase into your applications with customizable install components	X	X	Х
Windows native installer for faster install experience	X	X	X
Regulate your application's usage by leveraging built-in licensing components	X	Х	Х
Deploy databases on CD-ROM, DVD, and other read-only media	X	X	Х
Embedded database user authentication	X	X	Х
Self-tuning features minimize database administration	X	X	X
Asynchronous statement cancel gives you the ability to cancel queries	X	X	Х
Metadata security allows protection of intellectual property	X	X	Х
SUPPORTS THE MOST POPULAR PLATFORMS			
Support for Microsoft .NET Framework and Java development		Х	Х
Support for Microsoft Windows Vista, Microsoft Windows Server™ 2003, Microsoft Windows Server 2008, Microsoft Windows XP (SP2) and Microsoft Windows 2000 (SP4)	x	Х	Х
Cross-platform support lets you choose the most appropriate platform for your needs, including Windows, Linux, Solaris, and Mac OS®/X		х	Х
Transparent interoperability allows seamless database portability	X	X	X