

Actian Zen Embedded Database

Zero-dba, embeddable, nano footprint database

Key Benefits

- Zero-DBA
- Customizable Installation
- SQL and NoSQL
- Simple Upgrades Backward
- Compatibility Data
- Portability Across Platforms and Versions

Supported Platforms

- Windows 10
- Windows Server 2016
- Windows Nano Server
- Windows Server 2012 R2
- Windows 7 and 8
- Windows Server 2008 R2
- Linux for Intel and ARM

The Actian Zen Embedded database delivers a zero-dba, SQL and NoSQL, embeddable, nano footprint database ideally suited to meet the needs of ISVs and OEMs delivering business critical applications to customers with low or no IT environments. Features like customizable installation, self-tuning, easy upgrades, seamless backward compatibility and exceptional reliability mean that developers can deliver applications to customers at scale across a wide range of platforms without getting buried by support costs.

SQL and NoSQL

Actian Zen includes NoSQL access for performance and SQL access for reporting, providing the perfect combination of speed and flexibility. Developers can choose between several access methods providing direct access to data without going through a relational layer. This enables very fast access and very quick insert, update and delete performance. Actian Zen also provides direct access via ODBC and JDBC, and support for ADO.NET and Embarcadero developers means ISVs have a wide range of choices for SQL access.

New Btrieve C and C++ API

The newest release of Actian Zen Embedded database, v13, includes a new, streamlined, more intuitive API to provide C++ database application developers simplified access to Btrieve calls. Now Actian Zen v13 developers can access the performance and flexibility of the Btrieve engine without having to learn the complexity of the original Btrieve API. The Btrieve 2 API SDK also includes SWIG (Simplified Wrapper and Interface Generator) files for Perl, PHP and Python, enabling developers familiar with those languages to access Btrieve via the new C or C++ libraries.

Customized Installation

Many ISVs building applications for small business users want to hide the complexity of the database from their users. An Actian Zen installation can be hidden in the ISV application (silent install), and the developer can cherry-pick the components needed to eliminate unneeded features or keep footprint to a minimum.

Client Reporting Engine

New in Actian Zen v13, the 64-bit Client Reporting Engine enables customers to run SQL queries against client cache and offload large reporting workloads to a separate machine, reducing the impact on the main server engine. Once it is set up, the Client Reporting Engine presents to SQL clients the same databases as the main server, so all SQL queries can be run on the reporting engine. The Client Reporting engine is available as a separate install on the Actian Zen v13 Server and Vx Server 13.

