

Tibero on Linux on POWER

Low effort, low cost

Linux on IBM POWER 8 and Tiberio RDBMS:

The knockout combination against Oracle database and x86!

For Oracle SE or EE users, Tiberio is a drop-in Oracle-compatible database that is certified for, and fully exploits the architecture of the Linux on POWER platform—providing massive cost savings and enormous performance advantages over Oracle on x86 Linux.



Would you consider moving your applications from Oracle if there was a fully compatible, low-effort alternative that is already in use for production workloads in large multi-national corporations?



Are you looking to drive down the cost of commissioning, running and managing Oracle database servers?



Are you impacted by Oracle's volatile database licensing policies?



Would you like to have the luxury of consolidating multiple Oracle database servers onto a single platform?



Is your budget being reduced but you are being asked to do more with less?

If you answered YES to ANY of the above then read on to find out how the Tiberio/Linux on POWER combination can provide significantly increased performance with substantial cost savings ...

KEY POINTS

- Migrating to Tiberio will dramatically reduce your licence and maintenance costs
- Tiberio is certified for Linux on IBM POWER (unlike Oracle), and fully embraces advanced POWER features providing enormous performance benefits versus Oracle on x86
- Oracle compatibility extends to all areas of the database—Oracle DBAs are comfortable using Tiberio with typically less than a day's training

Why look at Tibero from TmaxSoft?



1/6 of the cost

Tibero on Linux on POWER license cost is no more than one sixth of the equivalent licenses for Oracle on Intel-Linux.



4 X the performance

Tibero on Linux on POWER provides four times the performance of a comparable Oracle on Intel-Linux.

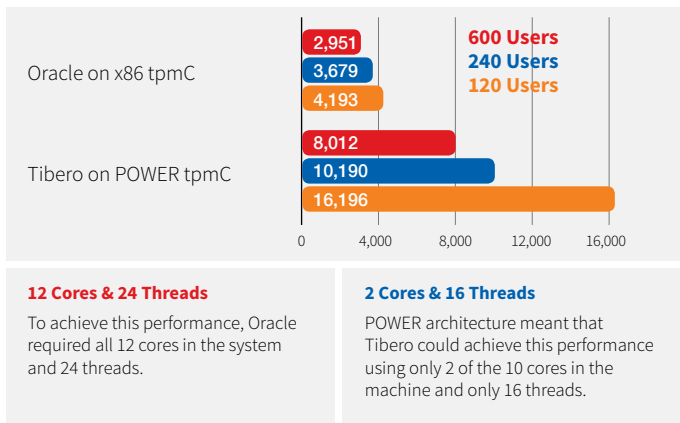


100% Oracle compatible

Drop-in Oracle database replacement.

- Tibero on Linux on POWER provides four times the performance and at most one sixth of the cost of the equivalent technology from Oracle on x86
- Tibero on Linux on POWER makes it possible to consolidate multiple, Oracle x86 database servers to a single POWER server
- These cost savings and performance advantages can provide new budget for additional or previously shelved projects
- This massive performance improvement comes from Tibero's ability to fully exploit the POWER platform's multi-core and its multi-threaded architecture

Tibero performance on Linux on POWER



12 Cores & 24 Threads

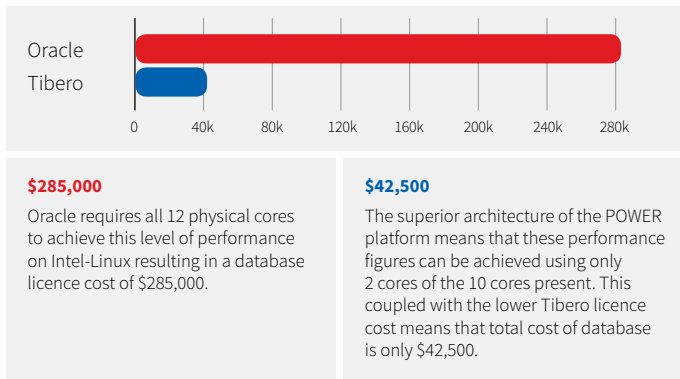
To achieve this performance, Oracle required all 12 cores in the system and 24 threads.

2 Cores & 16 Threads

POWER architecture meant that Tibero could achieve this performance using only 2 of the 10 cores in the machine and only 16 threads.

BMT Nov '15 IBM Hursley, Intel Xeon E5-2640 processor: Power 8 3GHz

Licensing cost of Tibero on Linux on POWER versus Oracle on Intel-Linux



\$285,000

Oracle requires all 12 physical cores to achieve this level of performance on Intel-Linux resulting in a database licence cost of \$285,000.

\$42,500

The superior architecture of the POWER platform means that these performance figures can be achieved using only 2 cores of the 10 cores present. This coupled with the lower Tibero licence cost means that total cost of database is only \$42,500.

What is involved in migrating to Tibero from Oracle?

Migration to Tibero typically takes no more effort and exposes the organization to no more risk than performing a major version upgrade on Oracle. A three to six week migration is typical for a well-architected, Java-based application.

How Oracle compatible is Tibero?

Tibero has been designed from first principles to be drop-in, Oracle-compatible. Oracle SQL executes in a consistent way across both platforms and applications that rely on embedded PL/SQL code also execute as they would under Oracle—without need for modification.

This focus on compatibility extends to the way our tools are designed so that they are instantly familiar to Oracle users. The way clustering, failover architectures, backup and restore operations, performance tuning and even the location of the physical files on disk are also consistent with Oracle. We expect an Oracle DBA to feel completely at home with Tibero after only three hours of training.

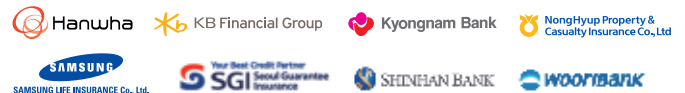
What about virtualization and high-availability architectures?

Tibero makes it simple and economic to fully exploit POWER architecture features such as Live Partition Mobility (LPM) and the POWER Enterprise Pool (PEP).

Oracle's licensing policy on virtualization and high-availability architectures makes it virtually impossible to justify the license cost to exploit these unique POWER features. Oracle insists that the database be licensed for the total number of potential cores and threads in the LPM or PEP pool. In contrast, TmaxSoft asks that you license Tibero for use on the maximum number of cores that will be in use at any single time.

Customers include:

Finance



Manufacturer



Public & Government



Telco & Media





GLOBAL HQ

TmaxSoft, Inc.

230 W. Monroe St., Ste. 1950
Chicago, Illinois 60606

TEL: +1.312.525.8330
Email: info@tmaxsoft.com
tmaxsoft.com

Korea Group HQ and R&D Centre

TmaxTower 45, Jeongjail-ro,
Bundang-gu, Seongnam-si,
Gyeonggi-do, Korea 13613

TEL: +82.31.8018.1000

AMERICAS

TmaxBrasil Sistemas E Servicos Ltda.

Alameda Rio Negro, 585,
Bloco A – Sala 25/26
Alphaville Barueri
Sao Paulo 06454 - 000

TEL: +55.11.4191.3100
Email: info.bra@tmaxsoft.com

TmaxSoft Canada, Inc.

2425 Matheson Blvd. East, 8th Floor,
Unit 824 Mississauga, Ontario,
L4W 5K4 Canada

TEL: +1.905.361.2888
Email: info.canada@tmaxsoft.com

EUROPE, MIDDLE EAST, AFRICA (EMEA)

TmaxSoft France

75 Boulevard Haussmann,
75008, Paris, France

TEL: +33.1.42.68.50.40
Email: info.france@tmaxsoft.com

TmaxSoft (Germany) DACH & Luxembourg

Maximilianstrasse 25, 80539,
Munich, Germany

TEL: +49.176.721621.97
Email: info.dach@tmaxsoft.com

TmaxSoft Russia Tmax Rus L.L.C.

Leninsky Prospekt, 113/1
(Park Place Moscow), Office
318e, Moscow, 117198, Russia

TEL: +7.495.970.0135
Email: info.rus@tmaxsoft.com

TmaxSoft Spain, Portugal & Andorra

Gabriel García Marquez, 4
28232 Las Rozas, Madrid, Spain

TEL: +34.911.190.518
Email: info.es@tmaxsoft.com

TmaxSoft Co., Ltd. Turkey

Windowist Tower, Eski Buyukdere Cad,
No.26, Maslak 34467, Istanbul, Turkey

TEL: +90.544.553.6045
Email: Info.tr@tmaxsoft.com

TmaxSoft UK, Ltd.

Office # 103, Rourke House,
Watermans Business Park,
The Causeway, Staines TW18 3BA, UK

TEL: +44.0.1784.895005
Email: info.uk@tmaxsoft.com

ASIA - PACIFIC (APAC)

TmaxSoft Australia TmaxSoft Proprietary Limited

L32, 101 Miller Street,
North Sydney 2060, Australia

TEL: +61.8019.7054
Email: info.aus@tmaxsoft.com

TmaxSoft China Beijing TmaxSoft System Software Co., Ltd.

Room 103, No.2 Huizhong Building,
Seven Street Shangdi, Haidian
District, Beijing, 100085, P.R. China

TEL: +86.10.6298.8827
Email: info@tmaxsoft.com.cn

TmaxSoft Hong Kong Co. Ltd.

26/F, Chubb Tower, Windsor
House, 311 Gloucester Road,
Causeway Bay, Hong Kong

TEL: +852.2824.8234
Email: info.hk@tmaxsoft.com

TmaxSoft India TmaxSoft Technologies Private Limited

Sobha Alexander Plaza,
3rd Floor, 16/2 Commissariat Road,
Bangalore, 560025

TEL: +91.80.4094.1100
Email: info.india@tmaxsoft.com

TmaxSoft Japan Co., Ltd.

5F Sanko Building, 3.12.16 Mita,
Minato-Ku, Tokyo, 108.0073, Japan

TEL: +81.3.5765.2550
Email: info@tmaxsoft.co.jp

TmaxSoft Malaysia SDN. BHD.

Unit 406, Level 4 Uptown 2, Jalan
SS21/37, Damansara Uptown 47400
Petaling Jaya, Selangor Malaysia

TEL: +60.3.7731.3916
Email: info.my@tmaxsoft.com

TmaxSoft Singapore Pte. Ltd.

430 Lorong 6, Toa Payoh
#10-02, OrangeTee Building,
Singapore 319402

TEL: +65.6259.7223
Email: info.sg@tmaxsoft.com

TmaxSoft Taiwan

Walsin Xinyi Tower 11/F, No.1,
Songzhi Rd. Xinyi Dist.
Taipei 11047, Taiwan

TEL: +886.2.87922192
Email: info.tw@tmaxsoft.com

TmaxSoft Thailand Co., Ltd.

Level 12 Zen World Tower
Rajdamri Road Pathumwan
Bangkok, 10330, Thailand

TEL: +66.819960565
Email: info.th@tmaxsoft.com