



# IBM Informix 11.7 delivers grid and enhanced embed capabilities for industry-leading flexibility, reliability, speed, and efficiency

## Table of contents

<a href="#">2</a>	<a href="#">Overview</a>	<a href="#">8</a>	<a href="#">Technical information</a>
<a href="#">2</a>	<a href="#">Key prerequisites</a>	<a href="#">9</a>	<a href="#">Ordering information</a>
<a href="#">2</a>	<a href="#">Planned availability date</a>	<a href="#">21</a>	<a href="#">Terms and conditions</a>
<a href="#">2</a>	<a href="#">Description</a>	<a href="#">24</a>	<a href="#">Prices</a>
<a href="#">6</a>	<a href="#">Program number</a>	<a href="#">25</a>	<a href="#">Order now</a>
<a href="#">7</a>	<a href="#">Publications</a>		

## At a glance

Informix® V11.70 offers:

- Linear scale out beyond a single cluster and better hardware utilization using Informix Flexible Grid
- Enhanced deep embed autonomics for improved time-to-value, reduced costs and higher reliability which can be particularly helpful in Software As a Service (SaaS) environments
- Enhanced warehouse management infrastructure for increased manageability and performance
- Enhanced programmability and support for service-oriented architecture (SOA)
- Enhanced security capabilities, management and administration for improved time and effort to compliance and data protection
- Improved developer productivity and data management with IBM® Optim™ Development Studio
- Rapid development of Informix related dynamic Web 2.0 applications and mashups

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: YE001)

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## Overview

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Informix V11.70 provides a powerful, reliable, scalable, secure and low-cost data platform for mission-critical business requirements. Informix V11.70 provides capabilities for better workload management, resource utilization, warehouse and security management as required by multi-tenant applications and service-oriented architecture (SOA) environments today for 24x7x365 operation.

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## Key prerequisites

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For details, refer to the [Hardware requirements](#) and [Software requirements](#) section.

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## Planned availability date

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October 12, 2010: Electronic availability

November 2, 2010: Media availability

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## Description

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**Informix V11.70** delivers functions, values and quality. It delivers new levels of performance, availability, and autonomy that will help meet customer's modern business requirements and help partners grow with minimal complexity and lower computing costs.

Informix V11.70 offers:

- **More Flexibility:** Informix V11.70 offers more options and choices to scale capacity, and to better manage and utilize resources. Further, Informix V11.70 provides new interoperability with several open source tools, bringing a broad set of choices for application development.
- **Higher Reliability:** Informix V11.70 offers enhanced autonomies and greater automation including during failure recovery.
- **Higher Performance:** With Informix V11.70, business transactions run faster and analytic queries run up to 50% faster than before.
- **Greater Efficiency:** With the ability to better utilize existing heterogeneous infrastructure, an automated task scheduler, higher performance and further reduced administration requirements, Informix V11.70 offers a higher level of efficiency.

### **New in Informix V11.70**

New Informix grid capabilities take scalability, flexibility, resource utilization and workload management to new levels:

- **Heterogeneous flexibility leverages existing resource investments and enables scaling beyond a single cluster:** Different Informix clusters can be brought together enabling applications to see an entire cluster as a single node. Workloads can be managed and spread across different nodes within this heterogeneous environment. Administrators can dynamically add or drop Informix server nodes to meet changing workload requirements.
- **Highly simplified management and administration with rolling upgrades:** Nodes can be setup with a single click using OpenAdmin Tool or by a single command from the command line interface. Administrators have the flexibility to automatically replicate just schema changes or schema as well as data changes. The management can be performed at any node within this environment. The Informix Connection Manager in Informix V11.70 facilitates easy rolling upgrades.

- Massive, linear scalability: Administrators can now utilize resources spread across geographies to serve as nodes for linear scaling of application requirements.
- Seamless, transactional continuity during failover: With transactional survival capabilities, within an Informix grid, transactions can continue to run on an established Informix secondary server when a primary server fails.

### **Best-of-breed embeddability that gets more autonomous**

- More autonomy for even less human and programmatic intervention: Informix V11.70
  - Automated storage allocation for extending space when pre-determined thresholds are met , contributing to added self-maintenance
  - Built-in support and automatic registration of extensions and advanced data types contributing to added self-configuration
  - Standardization of alarm and error codes for application exception handling as well as automated scheduler tasks for CPU allocation, time-outs and error notifications
- Simplified Installation: Informix V11.70 introduces a platform independent installation process with a standardized approach.

### **Enhanced warehouse infrastructure that optimizes performance and lowers costs**

- Better performance with faster query response times:
  - Star join optimization that improves query execution speed
  - Support for multi-index scans and push down hash joins
- Simplified management of growing warehouse needs
  - Automatic lookup of tables and addition of table fragments as tables grow
  - Automatic interval fragmentation of time-cyclic data using interval and list strategies
  - Statistics by fragment level

### **Enhanced security management that can help improve efficiency in support of compliance and data protection efforts**

- Higher granularity with auditing: With selective row-level auditing, customers can now choose which tables and operations they wish to audit and track.
- Enhanced authentication simplifies user administration
  - Informix V11.70 offers centralized user administration that logically separates Informix user names from operating system users on which the Informix server is running.
  - Informix V11.70 introduces Trusted Context feature that allows middle tier applications to specify trusted users providing the ability to reuse connections between users after authentication.
  - Informix V11.70 provides the capability to protect data at rest with Encryption Expert feature that encrypts Informix data on disk.

### **Application development enhancements for increased developer productivity and serving modern business needs**

- Can mean faster time to market for applications and increased developer productivity: Informix V11.70 introduces Stored Procedure Language debugging API that enables integration with industry-leading application debuggers.
- Increase adoption and deployment of SOA applications, which can lower cost: With Informix V11.70, multiple instances of Informix can attach to a remote IBM Websphere MQ server.
- Increased options and easier enablement of open source applications with Informix:
  - Increased support for industry standard SQL
  - Increased interoperability with open source software

- New SQL syntax for easier porting of open source applications to Informix
- Improved developer productivity with IBM Optim Development Studio
  - Enables faster development and testing of SQL queries, stored procedures and Web Services using IBM Optim Development Studio
  - Visual analysis of SQL statements, execution and performance with IBM ODS
- Richer, faster Web 2.0 application development with included mashup functionality
  - Rapid assembly and deployment of mashup applications
  - Rapid development and deployment of visual BI reports

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### Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) can be requested via the IBM website

[http://www.ibm.com/able/product\\_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html)

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### Section 508 of the U.S. Rehabilitation Act

Informix Ultimate, Growth, Express® and Choice Editions is capable as of November 2, 2010, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A U.S. Section 508 Voluntary Product Accessibility Template (VPAT), containing details on the products accessibility compliance, can be requested on the following website

[http://www.ibm.com/able/product\\_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html)

The following third-party products are not covered under the IBM license agreement:

IBM product name	Third-party product
Informix Choice Edition	Server Studio with Sentinel
Informix Growth Edition	Server Studio with Sentinel
Informix Ultimate Edition	Server Studio with Sentinel

IBM makes no representation about the Section 508 status of these third-party products included in this offering. Contact the vendor for specific, current information on the Section 508 status of these products.

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### Availability of national languages

Product description	Language	General availability date
Informix Choice Edition v11.70.0	Multilingual (French, Russian, Korean, Chinese-Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese-Traditional, Hungarian, English, Czech, Slovakian, Italian, Polish)	November 2, 2010

Informix Client SDK V3.70.0	Multilingual (French, Russian, Korean, Chinese-Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese-Traditional, Hungarian, English, Czech, Slovakian, Italian, Polish)	November 2, 2010
Informix Connect Runtime V3.70.0	Multilingual (French, Russian, Korean, Chinese-Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese-Traditional, Hungarian, English, Czech, Slovakian, Italian, Polish)	November 2, 2010
Informix Express Edition V11.70.0	Multilingual (French, Russian, Korean, Chinese-Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese-Traditional, Hungarian, English, Czech, Slovakian, Italian, Polish)	November 2, 2010
Informix Growth Edition V11.70.0	Multilingual (French, Russian, Korean, Chinese-Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese-Traditional, Hungarian, English, Czech, Slovakian, Italian, Polish)	November 2, 2010
Informix JDBC V3.70.0	Multilingual (French, Russian, Korean, Chinese-Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese-Traditional, Hungarian, English, Czech, Slovakian, Italian, Polish)	November 2, 2010
Informix TimeSeries Real V1.10.0	English US	July 30, 2007
Informix TimeSeries V4.01.0	English US	July 30, 2007
Informix Ultimate Edition V11.70.0	Multilingual (French, Russian, Korean, Chinese-Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese-Traditional, Hungarian, English, Czech, Slovakian, Italian, Polish)	November 2, 2010

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## Program number

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Program number	VRM	Program name
5725-B41	11.70.0	Informix Choice Edition
5724-C23	3.70.0	Informix Client SDK
5724-C24	3.70.0	Informix Connect Runtime
5724-I35	3.70.0	Informix JDBC Driver/Embedded SQL
5724-Z04	11.70.0	Informix Express Edition
5725-A40	11.70.0	Informix Growth Edition
5724-C62	4.01.0	Informix TimeSeries DataBlade® Module
5724-C63	1.10.0	Informix TimeSeries Real Time Load Bundle
5725-A39	11.70.0	Informix Ultimate Edition

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## Education support

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IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM training website

<http://www.ibm.com/services/learning/>

Call IBM training at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

Available from IBM training, the newest offerings to support your training needs, enhance your skills and boost your success with IBM software. IBM offers a complete portfolio of training options including traditional classroom, private onsite and eLearning courses. Many of our classroom courses are part of IBM's "Guaranteed to run program" ensuring your course will never be canceled. We have a robust eLearning portfolio including Instructor-Led Online (ILO) courses; and Self Paced Virtual courses (SPVC). A perfect complement to classroom training, our eLearning portfolio offers something for every need and every budget; simply select the style that suits you.

Be sure to take advantage of our custom training plans to map your path to acquiring skills. Enjoy further savings when you purchase training at a discount with an IBM Education Pack - online account - flexible and convenient way to pay, track and manage your education expenses online.

Course name	Classroom	Instructor-led online	Self-paced virtual classroom
Informix System Administration	IX81	3X81	2X81
Informix Database Administration: Managing and Optimizing Data	IX22	3X22	2X22
Informix Structured Query Language	IX13	3X13	2X13
Informix 11 New Features	IX30	3X30	2X30

Descriptions of courses for IT professionals and managers are available at

[http://www.ibm.com/services/learning/ites.wss/tp/en?pageType=tp\\_search](http://www.ibm.com/services/learning/ites.wss/tp/en?pageType=tp_search)

For scheduling and enrollment, visit the website below or call IBM training at 800-IBM-TEACH (426-8322).

<http://www.ibm.com/training>

## IBM Professional Certification:

Information Management Professional Certification is a business solution for skilled IT professionals to demonstrate their expertise to the world. Certification validates skills and demonstrates proficiency with the most recent IBM technology and solutions.

Exam number	Exam name certification	Title
918	System Administration for IBM Informix Dynamic Server V11	IBM Certified System Administrator - Informix Dynamic Server V11

For additional information about this exam, refer to

<http://www-03.ibm.com/certify/tests/ovr918.shtml>

## IBM Redbooks®

IBM Redbooks offer deep technical insight from IBM and industry experts. These books highlight real-time experiences, and include sample code, typical scenarios and step-by-step, "how-to" guidelines.

IBM form number	Title
SG24-7847-00	Migrating from Microsoft® SQL Server to IBM Informix
SG24-7884-00	Informix Developer's Handbook
SG24-7730-00	Migrating from Oracle . . . to IBM Informix on Linux®, Unix, and Windows
SG24-7666-01	Embedding Informix: An Introduction
SG24-7788-00	Data Warehousing with Informix

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## Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage® website

<http://www.ibm.com/software/passportadvantage>

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## Publications

No hardcopy publications are shipped with these products.

The IBM Publications Center

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries.

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## Technical information

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### Specified operating environment

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#### Hardware requirements

Processor/System	Operating System	IDS 11.70	CSDK/I-Connect 3.70
IBM POWER (IBM System p®, IBM System i®)	AIX® V6.1 (64-bit)	64-bit	32- and 64-bit
Sun SPARC	Solaris 10 (64-bit)	64-bit	32- and 64-bit
Intel/AMD x64 (Intel® EM64T/AMD AMD64)	Solaris 10 (64-bit)	64-bit	32- and 64-bit
HP PA-RISC	HP-UX 11i, 11.23, 11.31 (64-bit)	64-bit	32- and 64-bit
HP Itanium®	HP-UX 11.31 (64-bit)	64-bit	32- and 64-bit
Intel/AMD x86, x64 (Intel EM64T/AMD AMD64)	Windows® 2003, windows XP, windows Vista, windows 2008, windows 7 (32-bit)	32-bit	32-bit
Intel/AMD x64 (Intel EM64T/AMD AMD64)	Windows 2003, windows XP, windows Vista, windows 2008, windows 2008 R2, windows 7 (64-bit)	32-bit and 64-bit	32- and 64-bit
Intel/AMD x86, x86-64 (Intel EM64T/AMD AMD64)	Linux: RHEL 5, SUSE SLES 11, Asianux 3.0, Debian 5.0. Ubuntu 8.04.1 LTS (32-bit)	32-bit	32-bit
Intel/AMD x86-64 (Intel EM64T/AMD AMD64)	Linux: RHEL 5, SUSE SLES 11, Asianux 3.0, Debian 5.0. Ubuntu 8.04.1 LTS (64-bit)	32-bit and 64-bit	32- and 64-bit
IBM Power® (IBM System p, System i, OpenPower®, BladeCenter®)	Linux: RHEL 5, SUSE SLES 11(64-bit)	64-bit	64-bit
IBM System z®	Linux: RHEL 5, SUSE SLES 11 (64-bit)	64-bit	31- and 64-bit
Intel x86-64 (Intel EM64T)	Apple Mac OS X 10.5 "Leopard", MAC OS X 10.6 "Snow Leopard" (64-bit)	64-bit	32- and 64-bit

#### Software requirements

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a README file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.



## Planning information

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Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the Software Subscription and Support (also referred to as Software Maintenance) offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and technical support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with each program license acquired. The initial period of Software Subscription and Support (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available.

## Security, auditability, and control

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Informix Ultimate, Growth, Express and Choice Editions use the security and auditability features of the host hardware or software.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

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## Ordering information

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This product is only available via Passport Advantage. It is not available as shrinkwrap.

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For more information about IBM Software ValueNet, visit

[http://www-01.ibm.com/software/lotus/passportadvantage/IBM\\_SW\\_ValueNet.html](http://www-01.ibm.com/software/lotus/passportadvantage/IBM_SW_ValueNet.html)

To locate IBM Business Partners for Software ValueNet in your geography for a specific Software ValueNet portfolio, contact your IBM representative.

## Product information

Licensed function title	Product group	Product category
IBM Informix Choice Edition CPU Option	IBM Informix Servers	Informix Editions
IBM Informix Choice Edition User Option	IBM Informix Servers	Informix Editions
IBM Informix Client SDK	Informix Application Development Tools	Informix Client SDK
IBM Informix Connect Runtime	Informix Application Development Tools	Informix Connect Runtime
IBM Informix Express Edition CPU Option	IBM Informix Servers	Informix Editions
IBM Informix Express Edition User Option	IBM Informix Servers	Informix Editions
IBM Informix Growth Edition CPU Option	IBM Informix Servers	Informix Editions
IBM Informix Growth Edition User Option	IBM Informix Servers	Informix Editions

IBM Informix JDBC Driver/Embedded SQL	Informix Application Development Tools	Informix JDBC Driver/Embedded SQL
IBM Informix Storage Optimization Feature for Ultimate Edition	IBM Informix Servers	Informix Editions
IBM Informix TimeSeries DataBlade	IBM Informix Datablades	Informix Timeseries Datablade
IBM Informix TimeSeries Real Time Load Bundle	IBM Informix Datablades	Informix Timeseries Realtime Loader
IBM Informix Ultimate Edition CPU Option	IBM Informix Servers	Informix Editions
IBM Informix Ultimate Edition User Option	IBM Informix Servers	Informix Editions

Program name	PID number	Charge unit description
IBM Informix Choice Edition CPU Option	5725-B41	Per Limited Use Socket
IBM Informix Choice Edition User Option	5725-B41	Per Authorized User Single Install
IBM Informix Client SDK	5724-C23	Per Authorized User Single Install for System z
IBM Informix Client SDK	5724-C23	Per Authorized User Single Install
IBM Informix Connect Runtime	5724-C24	Per Floating User Single Session Single Install
IBM Informix Connect Runtime	5724-C24	Per Floating User Single Session Single Install for System z
IBM Informix Express Edition CPU Option	5724-Z04	Per Limited Use Virtual Server
IBM Informix Express Edition CPU Option	5724-Z04	Per Processor Value Unit (PVU)
IBM Informix Express Edition CPU Option	5724-Z04	PROCESSOR-Day(s)
IBM Informix Express Edition User Option	5724-Z04	Per Authorized User Single Install
IBM Informix Growth Edition CPU Option	5725-A40	Per PVU
IBM Informix Growth Edition CPU Option	5725-A40	PROCESSOR-Day
IBM Informix Growth Edition CPU Option	5725-A40	Per Limited Use Socket
IBM Informix Growth Edition User Option	5725-A40	Per Floating User Single Session Single Install
IBM Informix Growth Edition User Option	5725-A40	Per Authorized User Single Install
IBM Informix JDBC Driver/Embedded SQL	5724-I35	Per Floating User Single Session Single Install
IBM Informix Storage Optimization Feature for Ultimate Edition	5725-A39	Per Floating User Single Session Single Install
IBM Informix Storage Optimization Feature for Ultimate Edition	5725-A39	Per Authorized User Single

			Install
IBM Informix Storage Optimization Feature for Ultimate Edition	5725-A39		PROCESSOR-Day
IBM Informix Storage Optimization Feature for Ultimate Edition	5725-A39		Per PVU
IBM Informix TimeSeries DataBlade	5724-C62		Per Floating User Single Session Single Install
IBM Informix TimeSeries DataBlade	5724-C62		Per Authorized User Single Install
IBM Informix TimeSeries DataBlade	5724-C62		Per PVU
IBM Informix TimeSeries Real Time Load Bundle	5724-C63		Per PVU
IBM Informix TimeSeries Real Time Load Bundle	5724-C63		Per Authorized User Single Install
IBM Informix TimeSeries Real Time Load Bundle	5724-C63		Per Floating User Single Session Single Install
IBM Informix Ultimate Edition CPU Option	5725-A39		PROCESSOR-Day
IBM Informix Ultimate Edition CPU Option	5725-A39		Per PVU
IBM Informix Ultimate Edition CPU Option	5725-A39		Per Processor Value Unit for System z
IBM Informix Ultimate Edition User Option	5725-A39		Per Authorized User Single Install for System z
IBM Informix Ultimate Edition User Option	5725-A39		Per Authorized User Single Install
IBM Informix Ultimate Edition User Option	5725-A39		Per Floating User Single Session Single Install for System z
IBM Informix Ultimate Edition User Option	5725-A39		Per Floating User Single Session Single Install

## Charge metrics definitions

### Install

Install is a unit of measure by which the program can be licensed. An Install is an installed copy of the program on a physical or virtual disk made available to be executed on a computer. Licensee must obtain an entitlement for each Install of the program.

### Processor Value Unit

Processor Value Unit (PVU) is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU Table by Processor Value, Brand, Type and Model Number at [http://www.ibm.com/software/lotus/passportadvantage/pvu\\_licensing\\_for\\_customers.html](http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html)) and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores

Licensee can deploy the program using either Full Capacity licensing or Virtualization Capacity (Sub-Capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (see webpage below). If using Full Capacity licensing, Licensee must obtain PVU entitlements sufficient to cover all activated processor

cores\* in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using Virtualization Capacity licensing, Licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at [http://www.ibm.com/software/lotus/passportadvantage/Counting\\_Software\\_licenses\\_using\\_specific\\_virtualization\\_technologies.html](http://www.ibm.com/software/lotus/passportadvantage/Counting_Software_licenses_using_specific_virtualization_technologies.html)

\* An Activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

## Notes

Some programs may require licenses for the program AND what is being managed. In that case, the following applies: In addition to the entitlements required for the program directly, Licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.

Some programs may be licensed on a managed basis ONLY. In that case, the following applies: Instead of the entitlements required for the program directly, Licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.

A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies: Rather than obtaining entitlements for the activated processor cores available to the program, Licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the Referenced program as if the program itself were executing everywhere the Referenced program was executing, independent of the basis on which the Referenced program is licensed.

Express and Workgroup programs may be licensed with maximum use terms. In that case, the following applies: The maximum authorized use terms and conditions for PVU licensed IBM Express and Middleware programs can be found in the *IBM Express and Middleware Licensing Guide*.

## Passport Advantage program licenses

### Informix Choice Edition

Part description	Part number
IBM Informix Choice Edition CPU Option	
Informix Choice Ed CPU Opt Per Limited Use Socket Annual SW S&S Rnw	E090JLL
Informix Choice Ed CPU Opt Per Limited Use Socket Lic + SW S&S 12 Mo	D0DG6LL
Informix Choice Ed CPU Opt Per Limited Use Socket SW S&S Reinstate 12 Mo	D0DG7LL

### Informix Choice Edition

IBM Informix Choice Edition User Option	
Informix Choice Ed User Opt Per Auth User Single Install Annual SW S&S Rnw	E090LLL
Informix Choice Ed User Opt Per Auth User Single Install Lic + SW S&S 12 Mo	D0DGCLL
Informix Choice Ed User Opt Per Auth User Single Install SW S&S Reinstate 12 Mo	D0DGDLL

### Informix Client SDK

IBM Informix Client SDK	
Informix Client SDK Per Author User Single Install Annual SW S&S Rnw	E2DDQLL
Informix Client SDK Per Author User Single Install Lic + SW S&S 12 Mo	D6DDNLL

Informix Client SDK Per Author User Single Install SW D6DDRLL  
S&S Reinstate 12 Mo

### **Informix Connect Runtime**

IBM Informix Connect Runtime

Informix Connect Runtime Float User Sngl Sess Sngl Inst E0ASXLL  
Annual SW S&S Rnw1

Informix Connect Runtime Float User Sngl Sess Sngl Inst D0GUDLL  
Lic + SW S&S 12 Mo

Informix Connect Runtime Float User Sngl Sess Sngl Inst D0GUELL  
SW S&S Reinstate 1

### **Informix Express Edition**

IBM Informix Express Edition User Option

IFMX Express Edition Per Author User Single Install E01RYLL  
Annual SW S&S Rnw1

IFMX Express Edition Per Author User Single Install Lic D5509LL  
+ SW S&S 12 Mo

IFMX Express Edition Per Author User Single Install SW D550ALL  
S&S Reinstate 12 Mo

### **Informix Express Edition**

IBM Informix Express Edition CPU Option

IFMX Express Ed CPU Opt Per Lmted Use Virtual Server E07C3LL  
Annual SW S&S Rnw1

IFMX Express Ed CPU Opt Per Lmted Use Virtual Server Lic D0A2NLL  
+ SW S&S 12 Mo

IFMX Express Ed CPU Opt Per Lmted Use Virtual Server SW D0A2PLL  
S&S Reinstate 12 Mo

IFMX Express Ed CPU Opt Per Processor Value Unit Annual E022LLL  
SW S&S Rnw1

IFMX Express Ed CPU Opt Per Processor Value Unit Lic + D55NPLL  
SW S&S 12 Mo

IFMX Express Ed CPU Opt Per Processor Value Unit SW S&S D55NQLL  
Reinstate 12 Mo

### **Informix Growth Edition**

IBM Informix Growth Edition CPU Option

Informix Growth Edition Per Limited Use Socket Annual E08SPLL  
SW S&S Rnw1

Informix Growth Edition Per Limited Use Socket Lic + SW D0D1WLL  
S&S 12 Mo

Informix Growth Edition Per Limited Use Socket SW S&S D0D1XLL  
Reinstate 12 Mo

Informix Growth Edition Per Processor Value Unit (PVU) E08SQLL  
Annual SW S&S Rnw1

Informix Growth Edition Per Processor Value Unit (PVU) D0D1YLL  
Lic + SW S&S 12 Mo

Informix Growth Edition Per Processor Value Unit (PVU) D0D1ZLL  
SW S&S Reinstate 12

### **Informix Growth Edition**

IBM Informix Growth Edition User Option

Informix Growth Edition Float User Sngl Sess Sngl Inst E0ALALL  
Annual SW S&S Rnw1

Informix Growth Edition Float User Sngl Sess Sngl Inst D0GFALL  
Lic + SW S&S 12 Mo

Informix Growth Edition Float User Sngl Sess Sngl Inst D0GFBLL  
SW S&S Reinstate 12

Informix Growth Edition Per Author User Single Install E08STLL  
Annual SW S&S Rnw1

Informix Growth Edition Per Author User Single Install D0D24LL  
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IFX JDBC Driver/Embedded SQL Float User Sngl Sess Sngl D0GFELL  
Inst Lic + SW S&S 1  
IFX JDBC Driver/Embedded SQL Float User Sngl Sess Sngl D0GFLL  
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Informix TimeSeries Float User Sngl Sess Sngl Inst Lic D0GFMLL  
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Precursor product	Trade up product	Part number
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#### Informix Client SDK

IBM Informix Client SDK IBM Informix ESQL/C Development	Informix Client SDK Per Author User Single Install Trade Up Lic + SW S&S 1	D54XPLL
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IBM Informix OnLine Extended Edition	IFMX Express Ed CPU Opt Per PVU fr Infm Online Ex Ed TU Lic + SW 12 Mo	D593YLL
IBM Informix SE Runtime	IFMX Express Ed CPU Opt Per PVU fr Infm SE RT TU Lic + SW S&S 12 Mo	D593XLL

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Qualified Competitor Processor	Informix Growth Edition Per Processor Value Unit (PVU) Trade Up Lic + SW S	D0D5ZLL
IBM Informix Dynamic Server 7 Workgroup Edition	Informix Growth Edition Per Processor Value Unit (PVU) Trade Up Lic + SW S	D0D5VLL
Informix SE Runtime or Developer	Informix Growth Edition Per Processor Value Unit (PVU) Trade Up Lic + SW S	D0D5WLL
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### Informix Ultimate Edition

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IBM Informix Growth Edition User Option	Informix Ultimate Edition Float User Sngl Sess Sngl Inst Trade Up Lic + SW	D0GLDLL
IBM Informix Dynamic Server 7 Enterprise Edition	Informix Ultimate Edition Float User Sngl Sess Sngl Inst Trade Up Lic + SW	D0GLBLL
IBM Informix Growth Edition User Option	Informix Ultimate Edition Per Author User Single Install Trade Up Lic + SW	D0D5ULL

### Informix Ultimate Edition

IBM Informix Ultimate Edition	CPU Option	
Qualified Competitor Processor	Informix Ultimate Edition Per Processor Value Unit (PVU) Trade Up Lic + SW	D0D5NLL
IBM Informix Dynamic Server 7 Enterprise Edition	Informix Ultimate Edition Per Processor Value Unit (PVU) Trade Up Lic + SW	D0D5MLL
IBM Informix Growth Edition CPU Option	Informix Ultimate Edition Per Processor Value Unit (PVU) Trade Up Lic + SW	D0D5LLL



## Passport Advantage supply

Program name/description	Part number
Informix Choice Edition V11.70.0	
Informix Choice Edition V11.70 DVD Media Pack Multilingual	BB15SML
Informix Client SDK V3.70.0	
Informix Client SDK V3.70 DVD Media Pack Multilingual	BB15ZEN
Informix Connect Runtime V3.70.0	
Informix Connect Runtime V3.70 DVD Media Pack Multilingual	BB162ML
Informix Express Edition V11.70.0	
Informix Express Edition V11.70 DVD Media Pack Multilingual	BB15WML
Informix Growth Edition V11.70.0	
Informix Growth Edition V11.70 DVD Media Pack Multilingual	BB15RML
Informix JDBC V3.70.0	
Informix JDBC V3.70 DVD Media Pack English	BB160EN
Informix TimeSeries Real V1.10.0	
Informix TimeSeries Real Time Loader V1.10 CD Media Pack English	BB0EBNA
Informix TimeSeries V4.01.0	
Informix TimeSeries DataBlade V4.01 CD Media Pack English	BB095NA
Informix Ultimate Edition V11.70.0	
Informix Ultimate Edition V11.70 DVD Media Pack Multilingual	BB15QML

## Passport Advantage customer: Media pack entitlement details

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Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

### Informix TimeSeries Real V1.10.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Informix TimeSeries Real Time Load Bundle per Floating User Single Session Single Install	Informix TimeSeries Real Time Loader V1.10 CD Media Pack English	BB0EBNA
Informix TimeSeries Real Time Load Bundle per Authorized User Single Install	Informix TimeSeries Real Time Loader V1.10 CD Media Pack English	BB0EBNA
Informix Tmser Real Time Ldr Bnd Processor Value Unit	Informix TimeSeries Real Time Loader V1.10 CD Media Pack English	BB0EBNA

### Informix JDBC V3.70.0

IBM Informix JDBC Driver/Embedded SQL per Floating User Single Session Single Install	Informix JDBC V3.70 DVD Media Pack English	BB160EN
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### Informix Ultimate Edition V11.70.0

IBM Informix Storage Optimization Feature for Ultimate Edition Authorized User Single Install	Informix Ultimate Edition V11.70 DVD Media Pack Multilingual	BB15QML
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IBM Informix Storage Optimization Feature for Ultimate Edition per Processor Value Unit	Informix Ultimate Edition V11.70 DVD Media Pack Multilingual	BB15QML
IBM Informix Ultimate Edition CPU Option per Processor Value Unit	Informix Ultimate Edition V11.70 DVD Media Pack Multilingual	BB15QML
IBM Informix Ultimate Edition CPU Option per Processor Value Unit for System z	Informix Ultimate Edition V11.70 DVD Media Pack Multilingual	BB15QML
IBM Informix Ultimate Edition User Option per Authorized User Single Install	Informix Ultimate Edition V11.70 DVD Media Pack Multilingual	BB15QML
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### Informix TimeSeries V4.01.0

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IBM Informix Growth Edition CPU Option per Processor Value Unit	Informix Growth Edition V11.70 DVD Media Pack Multilingual	BB15RML

IBM Informix Growth Edition User Option per Authorized User Single Install	Informix Growth Edition V11.70 DVD Media Pack Multilingual	BB15RML
IBM Informix Growth Edition User Option per Floating User Single Session Single Install	Informix Growth Edition V11.70 DVD Media Pack Multilingual	BB15RML

### Informix Client SDK V3.70.0

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### Informix Choice Edition V11.70.0

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IBM Informix Express Edition CPU Option per Processor Value Unit	Informix Express Edition V11.70 DVD Media Pack Multilingual	BB15WML
IBM Informix Express Edition User Option per Authorized User Single Install	Informix Express Edition V11.70 DVD Media Pack Multilingual	BB15WML

### Informix Connect Runtime V3.70.0

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IBM Informix Connect Runtime per Floating User Single Session Single Install System z	Informix Connect Runtime V3.70 DVD Media Pack Multilingual	BB162ML

## Cross-platform products

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### ***Cross-platform product for use on System z***

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### Informix Client SDK

Part description	Part number
IBM Informix Client SDK Informix Client SDK Per Au Us Single Inst System z Annual SW S&S Rnw1	E00QMLL

Informix Client SDK Per Au Us Single Inst System z Lic + SW S&S 12 Mo	D52B6LL
Informix Client SDK Per Au Us Single Inst System z SW S&S Reinstate 12 Mo	D52B7LL

### Informix Connect Runtime

IBM Informix Connect Runtime	
Informix Connect Runtime Per FUsr SnglSess SnglIns S/z Annual SW S&S Rnw1	E0ASQLL
Informix Connect Runtime Per FUsr SnglSess SnglIns S/z Lic + SW S&S 12 Mo	D0GU1LL
Informix Connect Runtime Per FUsr SnglSess SnglIns S/z SW S&S Reinstate 1	D0GU2LL

### Informix Ultimate Edition

IBM Informix Ultimate Edition CPU Option	
Informix Ultimate Edition Per Proc VU for Sys z Annual SW S&S Rnw1	E08SKLL
Informix Ultimate Edition Per Proc VU for Sys z Lic + SW S&S 12 Mo	D0D1NLL
Informix Ultimate Edition Per Proc VU for Sys z SW S&S Reinstate 12 Mo	D0D1PLL

### Informix Ultimate Edition

IBM Informix Ultimate Edition User Option	
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### *Cross-platform product for use on System z IFL engines*

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#### Informix Client SDK

Precursor product	Trade-up product	Part number
IBM Informix Client SDK IBM Informix ESQL/C Development	Informix Client SDK Per Au Us Single Inst System z Trade Up Lic + SW S&S 1	D54XLLL

#### Informix Ultimate Edition

IBM Informix Ultimate Edition User Option IBM Informix Dynamic Server 7 Enterprise Edition	Informix Ultimate Edition Per FUsr SnglSess SnglIns S/z Trade Up Lic + SW	D0GLJLL
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## Informix Ultimate Edition

IBM Informix Ultimate Edition CPU Option Qualified Competitor Processor	Informix Ultimate Edition Per Proc VU for Sys z Trade Up Lic + SW S&S 12 Mo	D0D5QLL
IBM Informix Dynamic Server 7 Enterprise Edition	Informix Ultimate Edition Per Proc VU for Sys z Trade Up Lic + SW S&S 12 Mo	D0D5PLL

## On/Off CoD

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Part description	Part number
IFMX Express Ed CPU Opt PROCESSOR-Day(s) Per Use-Day OOCOD	D550DLL

### IBM Informix Growth Edition CPU Option

Informix Growth Edition PROCESSOR-Day(s) Per Use-Day OOCOD	D0D29LL
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IFMX Storage Optim Ftr Ult E PROCESSOR-Day(s) Per Use-Day OOCOD	D0953LL
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### IBM Informix Ultimate Edition CPU Option

Informix Ultimate Edition PROCESSOR-Day(s) Per Use-Day OOCOD	D0D28LL
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Informix Express Edition	5724-Z04	L-GHUN-88FK9T

Informix Growth Edition	5725-A40	L-GHUN-887QMS
Informix JDBC Driver/Embedded SQL	5724-I35	L-GHUN-88ELH4
Informix TimeSeries DataBlade	5724-C62	L-GHUN-86ZLDQ
Informix TimeSeries Real Time Load Bundle	5724-C63	L-RNAR-88XLQC
Informix Ultimate Edition	5725-A39	L-GHUN-887K58

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