



Highlights

- Designed to run complex analytics on terabytes of data
 - Deploys easily as a rack-mountable appliance
 - Arrives ready to go with IBM common SQL engine & built-in federation
 - Promotes advanced analytics and machine learning with embedded Spark
 - Drives cloud-ready flexibility.
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IBM Integrated Analytics System mini appliance

A Netezza-based, entry-level data and analytic appliance for small and medium businesses

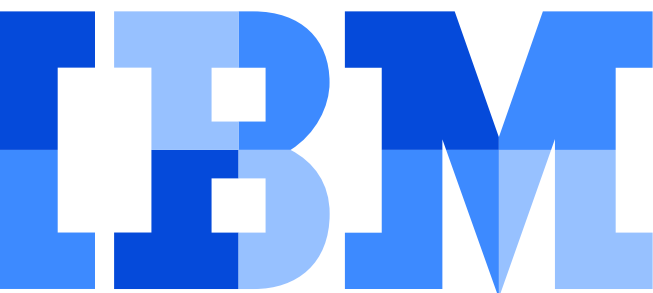
Small and medium businesses (SMBs) able to harness the growing volume, velocity and variety of data are better able to gain the analytic insights needed to develop new products and services, improve business processes and grow customer loyalty. To do so they need solutions tailored to fit the needs of the business—including its current size and plans for expansion—such as the IBM® Integrated Analytics System (IAS) mini appliance.

The IAS mini appliance delivers high performance based on its unique asymmetric massively parallel processing architecture combined with IBM Netezza® data filtering. This combination delivers fast query performance on analytic workloads in support of data warehouse users. It also requires minimal ongoing administration or tuning, saving your company time and expense when onboarding and is available as a rack mountable appliance to simplify your data warehouse and analytic infrastructure.

Store, explore and manage your data better

Keeping data on-site with the IAS mini gives SMBs added data security, and control over usage costs. An integrated, pre-configured system leads to quicker deployment cycles and exceptional time to value for business intelligence and analytic initiatives.

The IAS mini is immediately ready for data loading and query execution, integrating with leading ELT, business intelligence and analytic applications through standard ODBC, JDBC, and OLE DB interfaces. The common SQL engine included with the IAS mini also provides cloud-ready flexibility if a business decides it wants to expand to the cloud at a later time.



The IAS mini allows SMBs to:

Respond quicker to the challenges of a growing business

IAS helps SMBs store and explore data while maintaining a low TCO by using an integrated hardware, software and storage solution. Time and money are saved from initial procurement to setup, testing and tuning. In addition, the IAS mini is an easy-to-install rack-mountable solution with low power and cooling requirements and a compact (2U) footprint.

Achieve faster time to data insights

Drive process improvements and better customer interactions with predictive analytics and machine learning models. Access data where it resides, and with lower latency using IAS's embedded Apache Spark for quicker response times.

Drive more accurate data-driven decisions

Providing users and analytic applications access to unified data from a variety of data repositories like the logical data warehouse, cloud and Hadoop, without concern for the data's location or access method, strengthens the accuracy of query responses. To achieve this the IBM common SQL engine (CSE) found within IAS mini delivers query and application compatibility across the Db2® family of products and competitive data sources such as Oracle, Teradata, and Microsoft SQL Server; cloud sources such as Amazon Redshift; and open-source solutions such as Hive. In other words, with the IBM CSE users can write queries once and run them anywhere.

Future-proof your organization

Proactively preparing for growth is essential for SMBs. The ability to use an on-premises environment for added security and compliance while also using a public or private cloud for less sensitive data as part of a hybrid data management environment is the future for most companies. The IAS mini helps SMBs prepare for this future by providing cloud-ready flexibility through the common SQL engine.

The IBM Integrated Analytics System integrates and optimizes all compute, storage and networking resources with analytics and data warehouse software.

Specifications are shown in the table below.

Model	IAS Mini M4002-001
Data Base	Db2 Warehouse
Operating System	RedHat 7.5
Form Factor	Rack-mountable (2X2U)
Active Nodes	3, GPFS 2X-Redundancy, RHEL 7.XOS
User data	32 TB (assumes 4X compression)
Network	25Gb ring (SFP) network cards, 3-10Gb "fabric connection via EIOM (SFP), 3-1Gb "management" connections via EIOM (SFP)
CPU cores	2 X 8 core per node
Memory	192 GB per node
Power	2kW D2 chassis
Size	2U

For more information

To learn more about IBM Integrated Analytics System [visit our website](#), schedule a free, one-on-one [consultation with a data warehouse expert](#) or contact your IBM representative or IBM Business Partner.

Additionally, [IBM Global Financing](#) provides numerous payment options to help you acquire the technology you need to grow your business including full lifecycle management of IT products and services, from acquisition to disposition.



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Hybrid Data Management

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