



Skimmer™

DATA SHEET



Netezza Skimmer™ Data Warehouse and Analytic Appliance: Affordable Performance for Entry-Level Data Warehousing

The Netezza Skimmer is a powerful platform that packs the performance and simplicity of Netezza's unique architecture in a compact footprint, delivering dramatically faster performance at a fraction of the cost of other options for entry-level data warehouses.

An extremely versatile appliance, Skimmer can power small to mid-sized data warehouses, serve as an "edge" appliance in larger hub-and-spoke deployments or as a test and development system in conjunction with its enterprise-class high-performance family member – the Netezza TwinFin™. Skimmer is an ideal platform for building industry-specific application appliances that integrate Business Intelligence (BI) applications with the data warehouse in a very easy to deploy and administer system.

Simplicity

The Netezza Skimmer's simplicity and need for minimal administration make it perfect for departmental applications and as edge appliances. Skimmer is an easy-to-use appliance that delivers high performance out of the box, with no indexing or tuning required. It is delivered ready-to-go for immediate data loading and query execution and integrates with all leading ETL, BI and analytic applications through standard ODBC, JDBC and OLE DB interfaces.

Performance

The Netezza Skimmer system's performance advantage for small to medium sized production data warehouses comes

from Netezza's unique Asymmetric Massively Parallel Processing™ (AMPP™) architecture, which combines open, blade-based servers with commodity disk storage and patented data filtering using Field Programmable Gate Arrays (FPGAs). As an appliance that shares the same software and hardware architecture with the Netezza TwinFin, Skimmer is ideal for use as a test and development system for high-performance BI applications.

Value

As a commodity based appliance, Skimmer is a very affordable analytic option, delivering up to 10 TB of user data capacity in a compact physical and environmental footprint. But its value goes beyond the initial low purchase price. The Netezza appliance requires minimal ongoing administration, both in internal resources as well as implementation costs, for an overall low cost of ownership. There are no hidden costs.

The Netezza Skimmer offers your company fast time to value for small-scale BI applications, whether they sit at the core or edge of the organization. At a time when markets are increasingly complex and companies need to be as agile as possible, an uncomplicated, easy to install system that is purpose-built for entry-level data warehousing makes a lot of sense.

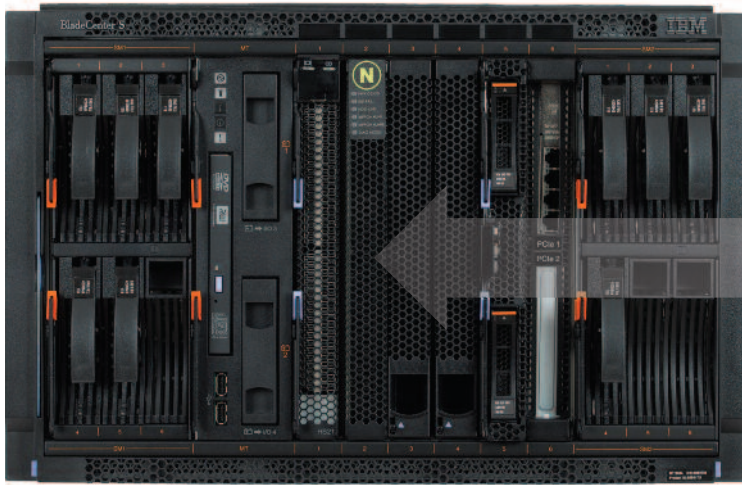
Netezza Skimmer Highlights:

- Affordable scalability – From 100's of gigabytes to terabytes
- Versatility – Ideal for small to mid-sized production data warehouses, edge appliances, application appliances and test and development systems
- Market-leading price/performance for entry-level data warehousing – dramatically faster performance at a fraction of the cost of competitive offerings
- Blade-based architecture – Industry-leading, multi-core Intel-based blades, implemented in combination with commodity disk storage and Netezza's patented data filtering using Field Programmable Gate Arrays (FPGAs)
- Platform for advanced analytics – fast performance and simplified deployment of complex analytics
- Fully feature-compatible with Netezza's enterprise-class TwinFin high-performance appliance
- Industry-standard interfaces (SQL, ODBC, JDBC, OLE DB)
- Full interoperability with market-leading BI tools, applications and infrastructure
- Appliance simplicity – No indexing or tuning; minimal ongoing administration
- Green – Low power and cooling requirements in a compact footprint

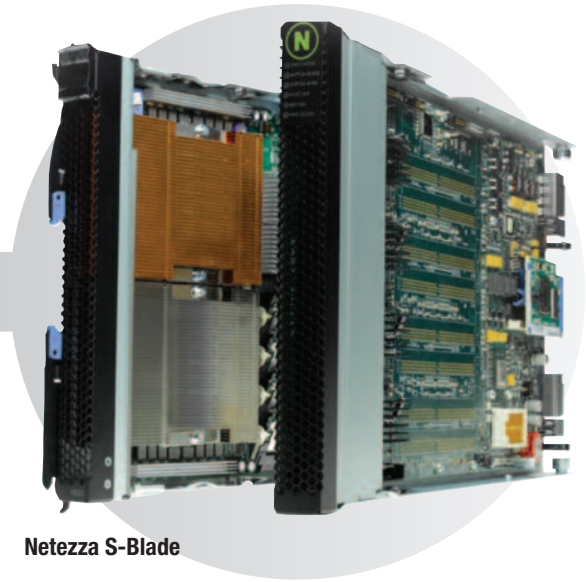
Inside the Netezza Skimmer

The Skimmer appliance is built using commodity blade servers and storage, turbocharged by FPGAs that filter out extraneous data as it streams off the disk. Each appliance contains a Snippet Blade™ (or S-Blade™), which is responsible for

processing SQL queries in parallel across 8 pairs of Intel CPU cores and FPGA cores. Skimmer packs this power in a compact 7 rack-unit chassis, while still offering up to 10 TB of user data capacity.



Netezza Skimmer 1



Netezza S-Blade

Netezza Skimmer 1 Specifications

S-Blade	1	Host Blade	1
Disk Drives	9 (8 active, 1 hot spare)		
User Data in TB (Uncompressed)	2.8	User Data in TB (Compressed)	10
Height (cm)	30.63	Width (cm)	44.4
Weight (kg)	150.6	Depth (cm)	73.34
Heat (Max BTUs)	7,000	Power (Max Watts)	1,900
Power Supply	4 hot-swap/redundant – (110V = N+1, 220V = N+N) – 950W/1450W AC (110V/220V)		



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About Netezza Corporation:

Netezza (NYSE: NZ) is the global leader in data warehouse and analytic appliances that dramatically simplify high-performance analytics across an extended enterprise. Netezza's technology enables organizations to process enormous amounts of captured data at exceptional speed, providing a significant competitive and operational advantage in today's data-intensive industries including digital media, energy, financial services, government, health and life sciences, retail and telecommunications. Netezza is headquartered in Marlborough, Massachusetts and has offices in North America, Europe and the Asia Pacific region. For more information about Netezza, please visit www.netezza.com.