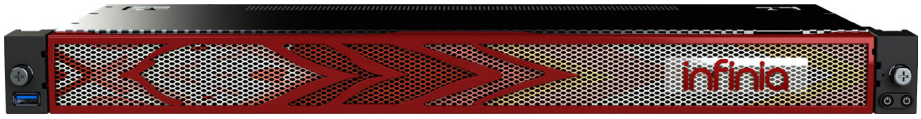

DDN Infinia Data Sheet

Deliver breakthrough performance and guaranteed quality of service for all your multi-tenant enterprise workloads with a flexible software-defined solution.

DDN Infinia represents a new paradigm for addressing your biggest enterprise data management challenges – without compromising performance or scalability. Its software-defined data management approach delivers ground-breaking innovations that improve performance, data management, data protection and data value. Now you can optimize all your AI, analytics and distributed data workloads with a single scale-out multi-tenant solution.

THE SIMPLEST, MOST INTELLIGENT DATA PLATFORM FOR ALL OF YOUR DISTRIBUTED ENTERPRISE DATA.

10X SCALING EFFICIENCY

- True parallel architecture performance, efficiency, GPU utilization, and storage capacity at any scale

10X DL ACCELERATION

- Delivers full, real-time acceleration for all workloads concurrently and continuously.

ROCK SOLID & PROVEN AT SCALE

- Data protection, integrity, declustering, redundancy ideal for mission critical applications.

EFFORTLESS DEPLOYMENT

- Fully-integrated and optimized for AI workloads and GPU enabled solutions.

HYPER-SIMPLICITY

Infinia features intelligent policy-based automation and a fully software-driven model that masks infrastructure complexity. It's the easiest storage solution to deploy and manage – on-premises, in the cloud, or at the edge. Infinia lets you tame the complexity of distributed data management – and unstructured data. Its flexible architecture is designed to natively support a variety of protocols and workloads (starting with S3 object, Kubernetes and OpenStack) - to protect your investments and simplify the way you share and manage your data.

UNCOMPROMISED QUALITY OF SERVICE (QoS)

Sharpen your competitive edge with built-in multi-tenancy. You'll gain superior resource utilization and guaranteed quality of service for all your tenants and subtenants. Infinia's dynamic IO engines ensure workload performance across all data types by optimizing data placement in real-time, based on IO pattern and IO size. Infinia scales to hundreds of petabytes and, unlike other solutions, its multi-tenant implementation doesn't require you to make any trade-offs between performance and capacity.

UNMATCHED SECURITY AND DATA PROTECTION

Protect against the latest security threats with immutable data sets and advanced data encryption and access control. Infinia is purpose-built to deliver maximum security for multi-tenant workloads. Its built-in safeguards reduce the need for additional security layers, components or effort to implement secure tenant isolation and guaranteed QoS. Infinia's dynamic erasure coding also improves resiliency and protects your data while optimizing capacity. Unlike other solutions, Infinia's erasure coding levels are not set at cluster build time. The IO engine ingests and intelligently lays out data in real-time using the most efficient erasure coding algorithm. This ensures optimal protection and avoids wasted capacity while minimizing staff intervention.

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BEYOND CLOUD ECONOMICS

Eliminate overprovisioned resources with a flexible pay-as-you-go consumption model that automatically expands and contracts capacity for all your tenants. You can realize the best of on-premises control and cloud-grade economics without the financial penalties of the cloud. With outstanding resource density, efficiency and performance at scale, you can now fully leverage your distributed data for multi-site collaboration, timely decision-making and stronger business performance.

REALIZING THE ECONOMIC PROMISE OF SOFTWARE-DEFINED STORAGE

Future proof your data platform investment with a unified multi-protocol design that runs on your existing and future-qualified hardware. Gain the flexibility and full economic value of software-defined storage on-premises and in the cloud – today and in the future.

DDN INFINIA TACKLES YOUR UNSTRUCTURED DATA CHALLENGES

Enterprise Challenges with Distributed Unstructured Data	How Infinia Uniquely Addresses these Challenges
× **Imbalanced Quality of Service (QoS)** Distributed data, which must be pulled from multiple sources and managed across multiple data silos can increase data latency and slow down workloads that depend on real-time data.	☑ **Uncompromised QoS at Any Scale** Native software-based multi-tenancy with automated QoS and dynamic hybrid IO engines optimize performance for all tenants, data types and users in real-time.
× **Complex Data Management** The administration of distributed data can be complex and time-consuming, requiring active management of data availability, performance and compliance.	☑ **Hyper-Simplicity** Infinia deploys in 10 minutes, offers hands-free policy-based storage allocation, advanced data protection and zero downtime expansion and upgrades.
× **Increased Security Risk** As data becomes increasingly distributed across different storage systems, the risk of data and security breaches also increases.	☑ **Unmatched Security Foundation** Infinia is built on the industry's strongest security core, with immutable data sets and encryption at every level – for data in flight and at rest.

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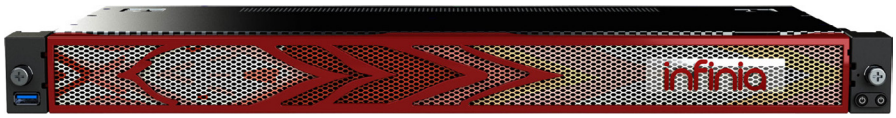
TECHNICAL SPECIFICATIONS



INFINIA APPLIANCE

SYSTEM DETAILS	
DRIVE SLOTS	12 U.2 form factor
10 MODULES	2x dual port 100/200GbE adapters per node
HEIGHT	1U rackmount (44mm)
WIDTH	450mm (17.75"; EIA-310 19" rackmount)
DEPTH	680mm (26.77")
WEIGHT (WITHOUT DRIVES)	22.9 kg (50.5 lbs)
WEIGHT (WITH DRIVES)	29.6 kg (65.3 lbs)
NOTIFICATIONS & MONITORING	
ENCLOSURE MANAGEMENT	2x 10bT RJ45 for management, 1 GBE RJ45 for IPMI
LED INDICATORS	Temperature, Fan, PSU, Voltage
SAFETY/REGULATORY	CSA, EMI, FCC Class A, CE, CCC, TUV-GS, CB, CE, VCCI
POWER & COOLING	
POWER SUPPLIES	2 PSUs (N+1)
PSU RATINGS	850W Max
INPUT POWER	AC 100-240V/12~6A
EFFICIENCY	80 Plus® Platinum compliant
COOLING MODULES	6 fan modules

ENVIRONMENTAL	OPERATING	NON-OPERATING
TEMPERATURE	10°C TO 35°C (50°F TO 95°F) Derate 1°C per 300m above 950m altitude	-40°C TO 70°C (-40°F TO 158°F)
ALTITUDE	3,048m (10,000 ft) max	10,668m (35,000 ft) max
RELATIVE HUMIDITY (non-condensing; ASHRAE A2)	90%, non-condensing at 35° C	