INFINIDAT

InfiniGuard Specifications

Models: B4306 | B4312 | B4320

InfiniGuard offers unmatched speed and reliability in data backup and restore capacity for high-performance business continuity and disaster recovery. InfiniGuard provides a comprehensive modern data protection solution built on our market-leading InfiniBox® to optimize performance and target-side dedupe processing, enabling you to maximize effective capacity for multi-petabyte datasets. InfiniGuard's modern data protection solution is enhanced with InfiniSafe® Technology built-in providing immutable snapshots, logical air gap, a fenced forensic environment, and near-instantaneous recovery at no additional cost.

We stand behind this with our InfiniSafe Cyber Storage Guarantees which ensure recoverability of immutable snapshots with a guaranteed recovery SLA of 20 minutes or less!*

* Terms and Conditions apply.

InfiniGuard®

InfiniGuard B4306, B4312, B4320 System Specs

Capacity	B4306	B4312	B4320
Effective Backup Capacity	Up to 25+PB	Up to 50+PB	Up to 50+PB
Dedupe Technology	Inline, Variable-length	Inline, Variable-length	Inline, Variable-length
Immutable Snap Space	Variable*	Variable*	~1.4PB Minimum**

Performance Features			
Throughput	Up to 180TB/h with NetBoost***		
Flash Cache	28TB		
Total System Memory	3,840GB	4,608GB	5,376GB
	InfiniBox Nodes / deduplication engines [DDEs]		

Connectivity and Integration	
FC Ports/Ethernet Ports	Up to 36x 16Gbps FC / 10GbE, mixed. 25GbE option (max. 18 ports)

Availability and Data Protection	
	Fully redundant storage hardware
	Triple-active storage node redundancy
	Fastest media rebuild in the industry
	WAN-optimized, encrypted replication

InfiniSafe Cyber Resilience Technologies	
	Immutable snapshots
	Logical air-gapped protection
	Fenced forensic network
	Near-instantaneous recovery

Application Integration	
	Backup software: Veritas NetBackup, IBM Spectrum Protect, Commvault, Veeam, Oracle RMAN Backup, and more.
	Third-party, multi-factor authentication (MFA) integration.

InfiniGuard Physical and Environmental Characteristics

Power Consumption		6.0 KW (typical), 9.4 KW (max)
Form Factor		42U in standard 48.26 cm (19 in) rack
Maximum Weight		910 kg (2,006 lbs)
Operating Temperature		10°C–30°C (50°F–86°F)
Altitude (max)		2,000 m (6562 ft)
Humidity		25%-80% non-condensing
Service Clearance: Front/Rear		120 cm/45 cm (47.24 in/17.8 in)
Input Voltage	North America:	Single phase: 200V-240V VAC, 50/60Hz, W+N+PE 24A | Dual-phase: 208 VAC, 50/60Hz, 2W+PE 24A
		Three-phase: 120Y/208 VAC, 3W+N+PE, 50/60Hz, 24A | Three-phase: 120Y/208 VAC, 3W+PE, 50/60Hz, 24A
	Europe:	Single-phase: 220V-240V VAC 50/60Hz, W+N+PE, 32A | Three-phase: 220/380-240/415 VAC, 3W+N+PE, 50/60Hz,16A
Input Current	North America:	Single/Dual-phase: 4 inputs, 24A per input | Three-phase: 4 inputs, 24A per input
	Europe:	Single-phase: 4 inputs, 32A per input | Three-phase: 4 inputs, 16A per input
Cooling		20,500 BTU/Hour (typical)

* Assignment of space to InfiniSafe immutable snapshots will reduce effective capacity in B4306 and B4312
** Additional capacity assigned would reduce the effective backup capacity
*** Overall system performance with two DDEs in use, 90% DeDup rate.