InfiniGuard Specifications

Models: B4306 | B4312 | B4320

InfiniGuard offers unrivaled 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® cyber storage 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 your protected data is immutable and the recoverability of immutable snapshots has a guaranteed recovery SLA of 20 minutes or less![1]

* Terms and Conditions apply.

InfiniGuard®

InfiniGuard® Spec Sheet

InfiniGuard B4306, B4312, B4320 System Specs

Capacity	B4306	B4312	B4320
Effective Backup Capacity	Up to 25+PB	Up to 50+PB	Up to 75+PB
Dedupe Technology	Inline, Variable-length	Inline, Variable-length	Inline, Variable-length
Immutable Snap Space	Variable[2]	Variable[2]	Variable[2]
Performance Features			
Throughput	Up to 180TB/h with NetBoost[3]		
Flash Cache	28TB		
Total DDE Memory	2,304GB	2,304GB	4,608GB
InfiniBox Node/Controller Memory	512GB/node	768GB/node	1,024GB/node
Connectivity and Integration			
FC Ports/Ethernet Ports	Up to 36x 16Gbps FC / 10GbE, mixed. 25GbE option (max. 18 ports)		
Availability and Data Protection and Security			
	Fully redundant storage hardware		
	Data-at-rest encryption (D@RE)		
	Triple-active storage node redundancy		
	Fastest media rebuild in the industry		
	WAN-optimized, encrypted replication (AES-256)		
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		

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InfiniGuard® Spec Sheet

InfiniGuard Physical and Environmental Characteristics

Power Consumption		5.5kW (typical power consumption based on historical telemetry data)
PDU Power (maximum)		9.4kW
Form Factor		42U in standard 48.26 cm (19 in) rack
Maximum Weight		910kg (2,006lbs)
Operating Temperature		10°C–30°C (50°F–86°F)
Altitude (maximum)		2,000m (6562ft)
Humidity		25%-80% non-condensing
Service Clearance: Front/Rear		120cm/45cm (47.24in/17.8in)
Input Voltage & Current	North America:	Dual-phase: 208VAC, 2W+PE, NEMA L6-30P, 24A, 50/60Hz
		Three-phase: 120Y/208VAC, 3W+N+PE, NEMA L21-30P, 24A, 50/60Hz
		Three-phase: 120Y/208VAC, 3W+PE, NEMA L15-30P, 24A, 50/60Hz
		Three-phase: 208VAC, 3W+PE, 60Hz, IEC-60309 , 48A (60A derated), 50/60Hz
	International:	Single-phase: 220V-240VVAC, W+N+PE, IEC-309, 32A, 50/60Hz
		Three-phase: 220/380-240/415VAC, 3W+N+PE, IEC-309, 16A, 50/60Hz
Certification Standards		EN 55032 - (CISPAR 32), EN 55035, (CISPAR 35), EN 61000-3-2, EN 61000-3-3
		FCC Part 15, ICES-003
		Safety: IEC/EN/UL 62368-1
		EU CE Mark
		ROHS: EN 50581 – 2012
		REACH: Regulation No. 1907/2006 (Article 33)
Maximum Cooling		32,073 BTU/Hour

[1] Terms and Conditions apply

[2] Assignment of space to InfiniSafe immutable snapshots will reduce effective capacity

[3] Overall system performance with two DDEs in use, 90% DeDup rate