

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!'



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)
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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

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