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 B4306, B4312, B4320 System Specs

<table>
<thead>
<tr>
<th>Capacity</th>
<th>B4306</th>
<th>B4312</th>
<th>B4320</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Backup Capacity</td>
<td>Up to 25+PB</td>
<td>Up to 50+PB</td>
<td>Up to 75+PB</td>
</tr>
<tr>
<td>Dedupe Technology</td>
<td>Inline, Variable-length</td>
<td>Inline, Variable-length</td>
<td>Inline, Variable-length</td>
</tr>
<tr>
<td>Immutable Snap Space</td>
<td>Variable²</td>
<td>Variable²</td>
<td>Variable²</td>
</tr>
</tbody>
</table>

### Performance Features
- **Throughput**: Up to 180TB/h with NetBoost³
- **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
## InfiniGuard Physical and Environmental Characteristics

<table>
<thead>
<tr>
<th><strong>Power Consumption</strong></th>
<th>5.5kW (typical power consumption based on historical telemetry data)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PDU Power (maximum)</strong></td>
<td>9.4kW</td>
</tr>
<tr>
<td><strong>Form Factor</strong></td>
<td>42U in standard 48.26 cm (19 in) rack</td>
</tr>
<tr>
<td><strong>Maximum Weight</strong></td>
<td>910kg (2,006lbs)</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>10°C–30°C (50°F–86°F)</td>
</tr>
<tr>
<td><strong>Altitude (maximum)</strong></td>
<td>2,000m (6562ft)</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>25%-80% non-condensing</td>
</tr>
<tr>
<td><strong>Service Clearance: Front/Rear</strong></td>
<td>120cm/45cm (47.24in/17.8in)</td>
</tr>
<tr>
<td><strong>Input Voltage &amp; Current</strong></td>
<td></td>
</tr>
</tbody>
</table>
| **North America:** | Dual-phase: 208VAC, 2W+PE, NEMA L6-30P, 24A, 50/60Hz  
Three-phase: 208VAC, 3W+PE, NEMA L15-30P, 24A, 50/60Hz  
Three-phase: 208VAC, 3W+PE, NEMA L15-30P, 24A, 50/60Hz  
Three-phase: 208VAC, 3W+PE, NEMA L15-30P, 24A, 50/60Hz |
| **International:** | Single-phase: 220V-240VAC, W+N+PE, IEC-309, 32A, 50/60Hz  
Three-phase: 220/380-415VAC, 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 |