Seagate® Lyve™ Mobile Array is a portable, rackable data storage solution designed to quickly and securely store data at the edge or move data across your enterprise. Both the full-flash and hard drive versions enable universal data compatibility, versatile connectivity, secure encryption, and ruggedized data transportation. Lyve Mobile Array is available through Seagate's Lyve Data Services and Data Transfer as a Service offering.

**Best-Fit Applications**

- Large lift-and-shift data migration projects
- Disaster recovery and data redundancy transfer projects
- Edge data aggregation and quick data ingest to cloud, multicloud, or private data centers

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**Data activation at the edge.**

**Simple.** Ready to use - Plug and play to fit any environment and data management workflow where you need it.

**Efficient.** Capture data anywhere and move it everywhere with a flexible and efficient subscription service model

**Secure.** Seagate Secure™ offers industry-standard AES 256-bit hardware encryption at rest and in motion. Backed up by superior manufacturing, a global support, and service capabilities.

**Scalable for multiple environments.** Both office and data center ready, with RAID SSD and HDD configuration options available, and convenient desktop and data center connectivity.

**Data management.** Works seamlessly with Lyve Client and Lyve Pilot software to enable user-defined automation, data motion, superior security, metadata tagging, universal S3 cloud compatibility, and more.

**Flexible.** Versatile interfaces like including Thunderbolt™3, PCIe®, and USB-C let Lyve Mobile Array connect everywhere. Use the optional Lyve MobileRackmount Receivers for data center and 19" rack integration with Fibre Channel, iSCSI, and SAS ports.

**Local high-performance storage applications with Seagate Lyve USM (High Performance PCIe gen 3.0) and VelosCT™ technology.** PCIe read/write performance, up to 6GB/s and 12GB/s (dual port).
### Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Product Dimensions</th>
<th>Box Dimensions</th>
</tr>
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<tbody>
<tr>
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<td>Weight (lb/kg) - HDD</td>
<td>27.5lb</td>
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### Physical Characteristics
- Handle for carrying and racking
- Fully enclosed, non-serviceable

### Capacity (6-bay array)
- HDD Exos® SAS: 60TB, 96TB
- SSD Nytro® SAS: 46TB, 92TB

### File System
- exFAT (default) or user-defined

### Interface (DAS)
- 2x USB-C for either Thunderbolt™ 3 (40Gb/s) or USB 3.2 (10Gb/s)
- 1x Lyve USM (High Performance PCIe® gen 3.0) Mobile Array PCIe Adapter required.
- SAS available with Rackmount Receiver option.

### Network Interfaces (SAN)
- Lyve™ Mobile Rackmount Receiver required for iSCSI (2xRJ45 1/10G copper 4x SFP+ 10/25G optical) or Fibre Channel (2x SFP+ 16/32G optical).
- No SFP included with optical interfaces

### Throughput
- Lyve USM (High Performance PCIe® gen 3.0): 6GB/s
- Lyve USM (High Performance PCIe® gen 3.0) Dual-Port: 12GB/s
- Thunderbolt 3: 2.8GB/s. USB 3.2: 620MB/s

### Supported RAID Modes
- RAID 0 and RAID 5 (Default)

### Noise Level
- 34dBA to 53dBA - Temperature and activity dependent

### Nonoperating Drop Height
- 300mm/11.81in (HDD) | 500mm/19.68in (SSD)

### Operating Drop Height
- 60mm/2.36in (HDD) | 100mm/3.94in (SSD)

### Power Specifications (voltage)
- LYVE MOBILE ARRAY: Power Input 100-240VAC, 50-60Hz
- Power Input 12VDC, 15A

### Power Consumption (typical)
- 130W (typical), 240W max (during startup HDD version); 180W max (SSD version)

### Environmental Compliance
- REACH, RoHS-2

### Safety and Regulatory
- FCC, CE, RCM, VCCI, BSMI, NOM and KCC

### Temperature (HDD model)
- +5°C to +40°C | +41°F to +104°F (operating)
- –40°C to +65°C | –40°F to +149°F (nonoperating)

### Temperature (SSD model)
- +5°C to +50°C | +41°F to +122°F (operating)
- –40°C to +65°C | –40°F to +149°F (nonoperating)

### Relative Humidity
- 10% to 60% (noncondensing, operating)
- 5% to 85% (noncondensing, nonoperating)

### Vibration (max. operational)
- SSD: 0.5G, Random, 5–500Hz (operating)
- HDD: 0.25G, Random, 5–500Hz (operating)

### Vibration (max. nonoperating)
- 1.14G (HDD and SSD nonoperating)

### Security
- Seagate Secure™ AES-256 bit encryption, crypto erase and TCG enterprise encryption

### Software
- Lyve™ Client software for setup, management, and security with physical product locking

### Smart State Enabled
- Pre-defined RGB LED states for various functions

### Included Cables
- Thunderbolt 3, external power supply

### In-Transit Protection
- Lyve Mobile Array Shipper

### Lyve Mobile Array Shipper Tests
- MIL-STD-810F §512.4, 514.5, 516.5; DEF STAN 81-41 Part 3/4
- IP6X Category 2 and IPX7

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Lyve Mobile Array Accessories

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<tr>
<th>Lyve Mobile Rackmount Receiver</th>
<th>Optional Lyve Rackmount Receiver required for use in standard 19-in rack. Functional with 1 or 2 Lyve Mobile Arrays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rackmount Receiver Power</td>
<td>Integrated redundant power supplies; Power input 100–240VAC, 50–60Hz, max. 380W</td>
</tr>
<tr>
<td>Rackmount Receiver Ports</td>
<td>Version-dependent, field-replaceable interface cards.</td>
</tr>
<tr>
<td>Rackmount Receiver Dimension</td>
<td>4U (Height 7in/177.8mm</td>
</tr>
</tbody>
</table>

Lyve Mobile Mount

| Lyve Mobile PCIe Adapter       | Provides NVMe like storage over 2 SFF-8644 ports. Recommended use and seamlessly integrates with Mobile Mount |

Product Images

- Lyve Rackmount Receiver
- Lyve Mobile Mount
- Lyve Mobile PCIe Adapter
- Lyve Mobile Array Shipper

System Requirements

- Windows® 10 or higher
- Mac® 10.15 or higher
- Ubuntu 20.04 and RedHat 8
- Lyve Client Software for Windows/OSx/Linux

What’s Included

- Seagate® Lyve™ Mobile Array
- Lyve Mobile Array Shipper
- Quick start guide
- Thunderbolt™ 3 active cable (1.5m)
- 20V power adapter for UK, EU/KR, USA/JP, AUS/NZ
- USB3.1 gen2 cables (1m type C/C and 1m type C/A) ¹

Lyve Mobile Array and Rackmount Receiver Options

<table>
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<tr>
<th>Lyve Mobile Array and Rackmount Receiver Options</th>
<th>Data Cable Included</th>
<th>Model Number</th>
</tr>
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<tbody>
<tr>
<td>Lyve Mobile Mount</td>
<td></td>
<td>STKU400</td>
</tr>
<tr>
<td>Lyve Mobile PCIe Adapter</td>
<td></td>
<td>STKY400</td>
</tr>
<tr>
<td>Lyve Mobile Rackmount Receiver 2 Port SAS 12G (per Mobile Array)</td>
<td>UPC-FC/UPC Patch cord OM3; length: 4m; 4pcs.</td>
<td>STKA400</td>
</tr>
<tr>
<td>Lyve Mobile Rackmount Receiver 2 Port Fibre Channel 16Gb (per Mobile Array)</td>
<td>UPC-FC/UPC Patch cord OM3; length: 2m; 4pcs.</td>
<td>STKA401</td>
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<tr>
<td>Lyve Mobile Rackmount Receiver 2 Port Fibre Channel 32Gb (per Mobile Array)</td>
<td>UPC-FC/UPC Patch cord OM3; length: 2m; 4pcs.</td>
<td>STKA402</td>
</tr>
<tr>
<td>Lyve Mobile Rackmount Receiver 2 Port RJ45 iSCSI 10GBASE-T (per Mobile Array)</td>
<td>CAT6A 26AWG 10G; length: 1.5m; 4pcs.</td>
<td>STKA403</td>
</tr>
<tr>
<td>Lyve Mobile Rackmount Receiver 4 Port iSCSI 25GB - 10G SFP+ (per Mobile Array) ¹</td>
<td>UPC-FC/UPC Patch cord OM3; length: 2m; 8pcs.</td>
<td>STKA404</td>
</tr>
<tr>
<td>Lyve Mobile Rackmount Receiver 4 Port iSCSI 25GB - 25G SFP+ (per Mobile Array) ¹</td>
<td>UPC-FC/UPC Patch cord OM3; length: 2m; 8pcs.</td>
<td>STKA405</td>
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</table>

1. Optional for some configurations.