

RECOVERY SERIES BACKUP

ALL-IN-ONE BACKUP APPLIANCES FOR SIMPLER, SMARTER IT



Recover with Confidence

Unitrends all-in-one appliances protect from all sides—from ransomware to disaster to deleted files.



Recovery Series appliances combine backup software, storage, compute, & cloud into one secure box.

- **No FINGER POINTING**
Disruptive all-in-one approach removes backup complexity, with “one-throat-to-choke” support.
- **LESS MANAGEMENT**
Pre-integrated backup appliances and intuitive software cut management time by 50%.
- **MORE FLEXIBILITY**
Backup appliances grow with your business. Easily scale up, out, and to the cloud.
- **MORE UPTIME**
Reduce downtime with instant recovery, ransomware detection, and automated disaster recovery testing.
- **MORE CONFIDENCE**
SLA policy automation proves recoverability and compliance – define, analyze, and report.
- **MORE FREE TIME**
Predictive analytics proactively identify recovery issues. Spend your free time on other tasks.



Recovery Series

Unitrends Recovery Series purpose-built backup appliances make it easy to meet your SLAs. No more broken promises. That's Simpler, Smarter IT.

12 MODELS AVAILABLE, RANGING FROM 2 TB TO 180 TB

SLA Policy Automation —

Define & schedule backups in one easy step based on your RTO and RPO goals.

Automatic ransomware protection —

Built-in AI detects and alerts to ransomware.

Cloud empowered —

Unitrends Cloud, Unitrends DRaaS, public clouds.

Automated disaster recovery testing —

With recovery analytics and RPO/RTO reports.

Preconfigured, enterprise-class reporting —

Easily satisfy compliance requirements & your boss.

Instant Recovery and Unitrends Bridge —

One click transforms Windows servers into VMs; instantly recover without setting up new hardware.

Automated provisioning — Instant creation of isolated, fully featured test and dev environments.

Unified bare metal backup —

1-pass dissimilar bare metal restore.

WAN-optimized replication —

Combines deduplication, acceleration, compression, and military-grade encryption.

Local archiving —

Disk-to-disk-to-any (D2D2X) to removable media, including tape and SATA disk.

Best-in-class backup for physical & virtual workloads —

VMware, Hyper-V, Windows, Nutanix, and more.

Adaptive Deduplication™ —

Global and inline for maximum storage efficiency.

Near continuous data protection —

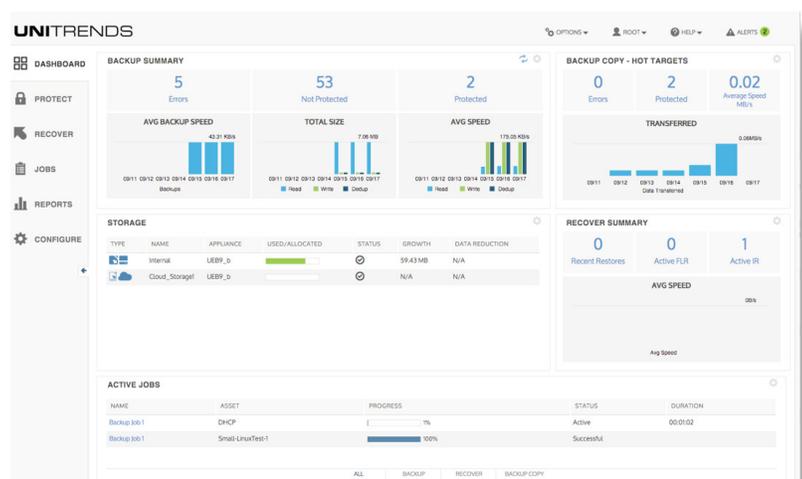
Backup as often as every 60 seconds.

Intuitive, centralized user interface —

Manage all of your backups, reports, & archiving from one console.

24/7/365 Support —

Based in the U.S. with a 98% customer satisfaction rate.



Recovery Series Backup Appliance Specifications

| | 602 | 604 | 606 | 608 | 814S | 818S | 824S | 926S | 928S | 938S | 944S | 946S |
|--|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Usable Capacity (TB) | 2 | 4 | 6 | 8 | 12 | 16 | 24 | 36 | 72 | 96 | 120 | 180 |
| Suggested Backup (TB) | 1.1 | 2.4 | 3.6 | 4.8 | 7.2 | 9.4 | 15 | 22 | 44 | 63 | 80 | 118 |
| Form Factor | Short | Short | Short | Short | 1U | 1U | 2U | 2U | 2U | 3U | 4U | 4U |
| Processor Cores/ Threads | 4/4 | 4/4 | 8/8 | 8/8 | 4/8 | 4/8 | 16/32 | 16/32 | 16/32 | 16/32 | 20/40 | 20/40 |
| RAM (GB) | 8 | 8 | 16 | 16 | 16 | 32 | 64 | 128 | 256 | 256 | 256 | 256 |
| AES-NI | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| IPMI | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Hot Swap Drives | ✗ | ✗ | ✗ | ✗ | OS/Backup |
| PCI Slots | ✗ | ✗ | ✗ | ✗ | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1 GB Ethernet Ports | 1 | 1 | 1 | 1 | 2 | 2 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 4x1 GB Ethernet | ✗ | ✗ | ✗ | ✗ | * | * | * | * | * | * | * | * |
| 2x 1/10Gbit RJ45 Copper Ethernet* | ✗ | ✗ | ✗ | ✗ | * | * | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1x8 GB Fibre Channel | ✗ | ✗ | ✗ | ✗ | * | * | * | * | * | * | * | * |
| STORAGE | 602 | 604 | 606 | 608 | 814S | 818S | 824S | 926S | 928S | 938S | 944S | 946S |
| SSD Flash (in GBs) | ✗ | ✗ | ✗ | ✗ | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 |
| OS Disk (in TBs) | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | 2x1 | 2x1 | 2x1 | 2x1 | 2x2 | 2x2 |
| Backup Disk (in TBs) | 2x2 | 2x4 | 2x6 | 2x8 | 4x4 | 4x8 | 8x4 | 8x6 | 11x8 | 16x8 | 34x4 | 34x6 |
| RAID | 1 | 1 | 1 | 1 | 5 | 10 | 1/6 | 1/6 | 1/6 | 1/60 | 1/60 | 1/60 |
| ARCHIVING CONTROLLER | 602 | 604 | 606 | 608 | 814S | 818S | 824S | 926S | 928S | 938S | 944S | 946S |
| USB 3.0 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| eSATA - 4 Port | ✗ | ✗ | ✗ | ✗ | * | * | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| SAS Controller (Disk, Tape) | ✗ | ✗ | ✗ | ✗ | * | * | * | * | * | * | * | * |
| MAJOR FEATURES | 602 | 604 | 606 | 608 | 814S | 818S | 824S | 926S | 928S | 938S | 944S | 946S |
| Comprehensive Backup for Physical, Virtual, Nutanix, Cisco UCS See 250+ Supported Systems | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Adaptive Deduplication | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Unitrends Cloud & DRaaS Enabled | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Integration with AWS & Azure Clouds | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Replication Target & Cross Replication | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Single Pane of Glass User Interface | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Hot/Cold & Dissimilar Bare Metal | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| AES-256 Bit Encryption | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Instant Recovery (P2V); (V2V); (V2P) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| VMware and Windows Replicas | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

✓ Included + Included in Enterprise Plus Editions * Optional ✗ Not Available

* 2x10 GbE RJ45 Copper is standard on the 824S and up. Supports 10GBASE-T, 100BASE-TX, 1000BASE-T, and 10000BASE-T. SFP+ Fiber can optionally be added.

Recovery Series Backup Appliance Specifications

| | 602 | 604 | 606 | 608 | 814S | 818S | 824S | 926S | 928S | 938S | 944S | 946S |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| NDMP Backup (EMC, NetApp) | ✗ | ✗ | ✗ | ✗ | + | + | + | + | + | + | + | + |
| Automatic Ransomware Detection | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Backup Scheduling | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Inclusion/Exclusion Backup | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bandwidth Throttling | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Comprehensive Reporting | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Alert-Based Monitoring | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Hardware Failure Alerts | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| SLA Policy Automation | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Integration with RESTful API | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Enterprise Application Backup | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Role-based Access Control | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Security-Integrated Copy Data Management (CDM) | + | + | + | + | + | + | + | + | + | + | + | + |
| Distributed Enterprise Manager | + | + | + | + | + | + | + | + | + | + | + | + |
| Scheduled Automated DR Testing | + | + | + | + | + | + | + | + | + | + | + | + |
| Automated Failover | + | + | + | + | + | + | + | + | + | + | + | + |
| RTO/RPO Compliance Reporting | + | + | + | + | + | + | + | + | + | + | + | + |
| Recovery Analytics | + | + | + | + | + | + | + | + | + | + | + | + |
| Failover/Failback to AWS/Azure | + | + | + | + | + | + | + | + | + | + | + | + |
| Unlimited Granular Exchange Recovery | + | + | + | + | + | + | + | + | + | + | + | + |
| Pledge Evergreen Hardware | * | * | * | * | * | * | * | * | * | * | * | * |
| PLATFORM CHARACTERISTICS | 602 | 604 | 606 | 608 | 814S | 818S | 824S | 926S | 928S | 938S | 944S | 946S |
| Width (inches) | 16.8 (426 mm) | 16.8 (426 mm) | 16.8 (426 mm) | 16.8 (426 mm) | 17.2 (437 mm) |
| Height (inches) | 1.7 (43 mm) | 3.5 (89 mm) | 3.5 (89 mm) | 3.5 (89 mm) | 5.2 (132 mm) | 7 (178 mm) | 7 (178 mm) |
| Depth (inches) | 14 (356 mm) | 14 (356 mm) | 14 (356 mm) | 14 (356 mm) | 25.6 (650 mm) | 25.6 (650 mm) | 25.5 (647 mm) | 25.5 (647 mm) | 25.5 (647 mm) | 25.5 (647 mm) | 27.5 (699 mm) | 27.5 (699 mm) |
| Unit Weight (Pounds) | 14 (6.4 kg) | 14 (6.4 kg) | 14 (6.4 kg) | 14 (6.4 kg) | 32 (14.5 kg) | 32 (14.5 kg) | 69 (31.3 kg) | 69 (31.3 kg) | 69 (31.3 kg) | 93 (42.2 kg) | 122 (55.3 kg) | 122 (55.3 kg) |
| Shipping Weight (Pounds) | 18 (8.2 kg) | 18 (8.2 kg) | 18 (8.2 kg) | 18 (8.2 kg) | 45 (20.4 kg) | 45 (20.4 kg) | 76 (34.5 kg) | 76 (34.5 kg) | 76 (34.5 kg) | 100 (45.4 kg) | 154 (69.9 kg) | 154 (69.9 kg) |
| AC Inputs (VAC) | 100/240 | 100/240 | 100/240 | 100/240 | 100/240 | 100/240 | 100/240 | 100/240 | 100/240 | 100/240 | 100/240 | 100/240 |
| AC Power Consumption (W) | 200 | 200 | 200 | 200 | 500 | 500 | 920 | 920 | 920 | 920 | 1000 | 1000 |
| Redundant Power Supply | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Heat Generated While Operating (BTUs) | 1023 | 1023 | 1023 | 1023 | 2081 | 2081 | 3750 | 3750 | 3750 | 3750 | 4100 | 4100 |
| Non-Operating Vibration | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 |
| Operating Shock (2ms(Gs)) | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| Non-Operating Shock (1ms(Gs)) | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 |

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