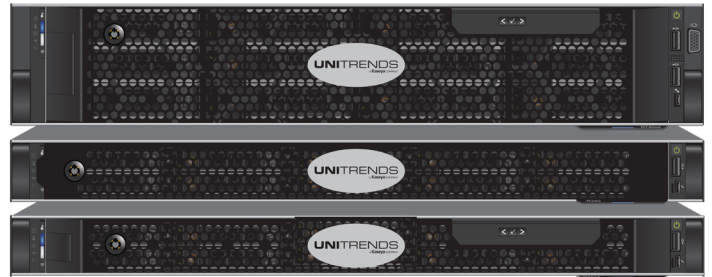# Unitrends Recovery Series

ALL-IN-ONE APPLIANCES FOR HANDS-FREE BACKUP AND RECOVERY | GEN 9

Unitrends all-in one Recovery Series appliances automate manual tasks, eliminate management hassle and deliver tested hardware and software resilience. Now available as a Unitrends Subscription! Always have full-featured backup and disaster recovery in place with simple, predictable pricing and flexible payment options to match your budget.

» **Engineered for Simplicity** – All-in-one backup appliances install in minutes and set the industry standard for ease of use. Advanced automation and a powerful UI make data protection simpler, more automated and more resilient than any other solution in the industry.

» **Cloud-Empowered** – Recovery Series appliances optionally integrate with our purpose-built cloud for simple, cost-efficient offsite storage, long-term retention and white glove disaster recovery-as-a-service (DRaaS).

» **Three Point Ransomware Protection** – Hardened Linux-based architecture makes Recovery Series Appliances impervious to Windows-targeted malware. Adaptive and predictive AI analytics scan all backup and replication data to identify and alert IT of potential ransomware threat conditions. Application-level Recovery Assurance testing ensures recoveries meet SLAs and eliminates the risk of restoring from infected backups.

» **Predictive Analytics and Self-Healing Technology for Rock Solid IT Resilience** – Next-generation technologies, such as Helix self-healing backup software, machine learning analytics and predictive analytics proactively anticipate and resolve potential downtime threats and leading causes of recovery failure – including ransomware, VSS issues, drive failures and much more - before they happen.

» **Award Winning 24/7/365 Support** – Based in the U.S. with a 98 percent customer satisfaction rate.

Recovery Series Features
All Gen 9 models now include Enterprise Plus

FEATURES	ENTERPRISE PLUS
Backup for Physical, Virtual (VMware, Hyper-V, XenServer), Nutanix, Cisco UCS - See 250+ Supported Systems	✓
Automatic Ransomware Detection - Built-in AI detects and alerts you to ransomware	✓
24x7X365 Customer Support	✓
AES-256 Bit Encryption	✓
Global Adaptive Deduplication	✓
Local Backup Copies (NAS, DAS, and SAN)	✓
Unitrends Cloud & DRaaS - Enabled and Integrated with AWS & Azure Clouds	✓
Hot/Cold & Dissimilar Bare Metal Recovery	✓
Replication Target	✓
Instant Recovery (P2V); (V2V); (V2P)	✓
VMware and Windows Replicas	✓
Predictive Analytics-based Hardware Resilience & Failure Alerts	✓
SLA Policy Automation - Define & schedule backups in one easy step based on your RTO and RPO goals	✓
Integration with RESTful API	✓
Database Protection for SQL Server & Oracle	✓
Enterprise Application Backup - Exchange, SharePoint	✓
Long-Term Data Management	✓
Distributed Enterprise Manager Single Pane of Glass Management	✓
Automated Recovery Testing	✓
Automated Failover	✓
RTO/RPO Compliance Reporting	✓
Recovery Analytics	✓
Unlimited Granular Exchange Recovery	✓
Security-Integrated Copy Data Management (CDM)	✓

	9002	9004	9006	9008	9010	9012	9016S	9020S	9024S	9032S	9040S	9060S	9080S	9100S	9120S
Usable Capacity (TB) ⚙	2	4	6	8	10	12	16	20	24	32	40	60	80	100	120
Suggested Backup (TB) *	1.1	2.4	3.6	4.8	6.0	7.6	10.1	12.6	16.6	22.0	27.5	41.2	55.0	68.7	82.4
Form Factor	1U Short	1U Short	1U Short	1U Short	1U Short	1U Short	1U	1U	1U	2U	2U	2U	2U	2U	2U
Processor Cores/Threads	2/4	2/4	4/8	4/8	4/8	4/8	8/16	8/16	8/16	16/32	16/32	24/48	24/48	24/48	24/48
RAM (GB)	8	8	16	16	16	16	32	32	32	64	128	256	256	256	256
ECC RAM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
AES-NI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
iDRAC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Virtual Remote Console	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hot Swap HD	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
1 Gb Ethernet Ports	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10 Gb Base - T RJ45 Ports	✗	✗	✗	✗	✗	✗	2	2	2	2	2	2	2	2	2
ADD-ON ADAPTERS	9002	9004	9006	9008	9010	9012	9016S	9020S	9024S	9032S	9040S	9060S	9080S	9100S	9120S
2x 10 Gb Ethernet SFP + NIC	✗	✗	✗	✗	✗	✗	✗	✗	✗	⊙	⊙	⊙	⊙	⊙	⊙
1x8 Gb Ethernet Fibre Channel	✗	✗	✗	✗	✗	✗	✗	✗	✗	⊙	⊙	⊙	⊙	⊙	⊙
ARCHIVING ADAPTERS	9002	9004	9006	9008	9010	9012	9016S	9020S	9024S	9032S	9040S	9060S	9080S	9100S	9120S
USB 3.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SAS to 4 Port eSATA Controller (RXDA) ●	✗	✗	✗	✗	✗	✗	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
12 Gbps SAS Controller (Tape) ●	✗	✗	✗	✗	✗	✗	⊙ ⚡	⊙ ⚡	⊙ ⚡	⊙ ⚡	⊙ ⚡	⊙ ⚡	⊙ ⚡	⊙ ⚡	⊙ ⚡
STORAGE	9002	9004	9006	9008	9010	9012	9016S	9020S	9024S	9032S	9040S	9060S	9080S	9100S	9120S
SSD Flash (in GBs)	✗	✗	✗	✗	✗	✗	240	240	240	480	480	480	480	480	480
OS Disk	✗	✗	✗	✗	✗	✗	✗	✗	✗	2x1TB	2x480GB	2x480GB	2x480GB	2x480GB	2x480GB
OS RAID Level	✗	✗	✗	✗	✗	✗	✗	✗	✗	RAID 1	RAID 1	RAID 1	RAID 1	RAID 1	RAID 1
Backup Disk (in TBs)	1x2	2x4	2x8 ↑	2x8	2x12 ↑	2x12	4x8	4x12 ↑	4x12	10x4	12x4	12x8 ↑	12x8	10x16	10x16
Backup RAID Type - Level	N/A	RAID 1	RAID 1	RAID 1	RAID 1	RAID 1	RAID 10	RAID 10	RAID 10	RAID 6	RAID 6	RAID 6	RAID 6	RAID 6	RAID 6

✓ Included   ⊙ Optional   ✗ Not Available

⚙ Usable Capacity is the appliance's raw backup capacity after RAID.

∗ Suggested backup sizes are estimates based on data measured across thousands of customers. The estimates assume 30 days of retention and a typical composition of file and VM data.

⚡ Additionally requires a mini SAS cable, available from third-party vendors.

↑ The physical Backup Disk size is shown but is licensed down to the appliance's Usable Capacity.

● A single appliance can be connected to either RXDA or Tape, but not both at once.

	9002	9004	9006	9008	9010	9012	9016S	9020S	9024S	9032S	9040S	9060S	9080S	9100S	9120S
ADDITIONAL OPTIONS	9002	9004	9006	9008	9010	9012	9016S	9020S	9024S	9032S	9040S	9060S	9080S	9100S	9120S
NDMP Backup (EMC, NetApp)	✖	✖	✖	✖	✖	✖	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pledge Evergreen Hardware	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉
PLATFORM CHARACTERISTICS	9002	9004	9006	9008	9010	9012	9016S	9020S	9024S	9032S	9040S	9060S	9080S	9100S	9120S
Width (inches)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)
Height (inches)	1.68 (42.8 mm)	1.68 (42.8 mm)	1.68 (42.8 mm)	1.68 (42.8 mm)	1.68 (42.8 mm)	1.68 (42.8 mm)	1.68 (42.8 mm)	1.68 (42.8 mm)	1.68 (42.8 mm)	3.40 (86.8 mm)	3.40 (86.8 mm)	3.40 (86.8 mm)	3.40 (86.8 mm)	3.40 (86.8 mm)	3.40 (86.8 mm)
Depth (inches)	23.45 (595.6mm)	23.45 (595.6mm)	23.45 (595.6mm)	23.45 (595.6mm)	23.45 (595.6mm)	23.45 (595.6mm)	27.26 (692.6mm)	27.26 (692.6mm)	27.26 (692.6mm)	28.16 (715.5 mm)	28.16 (715.5 mm)	28.16 (715.5 mm)	28.16 (715.5 mm)	28.16 (715.5 mm)	28.16 (715.5 mm)
Unit Weight (Pounds)	26.89 (12.2 kg)	26.89 (12.2 kg)	26.89 (12.2 kg)	26.89 (12.2 kg)	26.89 (12.2 kg)	26.89 (12.2 kg)	36.92 (16.8 kg)	36.92 (16.8 kg)	36.92 (16.8 kg)	72.97 (33.1 kg)	72.97 (33.1 kg)	72.97 (33.1 kg)	72.97 (33.1 kg)	72.97 (33.1 kg)	72.97 (33.1 kg)
Shipping Weight (Pounds)	40 (18.1kg)	40 (18.1kg)	40 (18.1kg)	40 (18.1kg)	40 (18.1kg)	40 (18.1kg)	53 (24.0 kg)	53 (24.0 kg)	53 (24.0 kg)	88 (39.9 kg)	88 (39.9 kg)	88 (39.9 kg)	88 (39.9 kg)	88 (39.9 kg)	88 (39.9 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	100/240	100/240	100/240
AC Power Consumption (W)	250	250	250	250	250	250	550	550	550	750	750	750	750	750	750
Redundant Power Supply	✖	✖	✖	✖	✖	✖	✖	✖	✖	✓	✓	✓	✓	✓	✓
Heat Generated While Operating (BTUs)	1039	1039	1039	1039	1039	1039	2107	2107	2107	2891	2891	2891	2891	2891	2891
Operating Temperature	10°C - 35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)	10°C-35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)	10°C-35°C (50°F- 95° F)	10°C - 35°C (50°F- 95° F)
Relative Humidity	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point	10%-80% with 29°C (84.2°F) Max Dew Point

✓ Included   ◉ Optional   ✖ Not Available

READY TO SEE **ALL-IN-ONE BACKUP** IN ACTION?
WATCH A DEMO TODAY!

ABOUT UNITRENDS

Unitrends makes efficient, reliable backup and recovery as effortless and hassle-free as possible. We combine deep expertise gained over thirty years of focusing on backup and recovery with next generation backup appliances and cloud purpose-built to make data protection simpler, more automated and more resilient than any other solution in the industry.

Learn more by visiting unitrends.com or follow us on LinkedIn and Twitter @Unitrends.

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