UNITRENDS
A Kaseya COMPANY

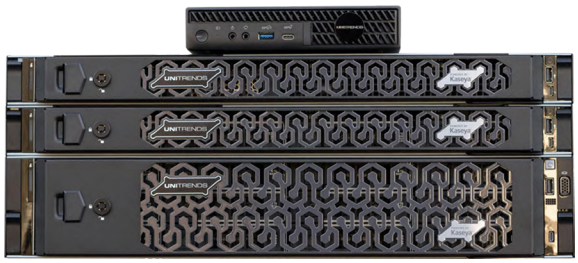
Datasheet

Unitrends Physical Backup Appliances

Hands-free backup and recovery |
Recovery Series Gen 10



Unitrends all-in-one physical backup appliances automate manual tasks, eliminate management hassle and deliver tested hardware and software resilience. Deployed in either rackmount or discrete desktop form factors, Unitrends Recovery series offers turnkey continuity for any sized environment.



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.

Ransomware Protection

A hardened Linux-based architecture makes Unitrends backup appliances impervious to Windows-targeted malware. Adaptive and predictive analytics scan all backup and replication data to identify and alert IT of potential ransomware threat conditions. Application-level Recovery Assurance testing automates backup validation. Recover with confidence knowing that restores meet your SLAs while eliminating the risk of restoring from infected backups.

Centralized Multidevice Management

Leverage UniView, our free, SaaS-based management portal, to manage all of your backup appliance(s), status, alerting and more from any location through one elegant UI.

Cloud-Empowered

Unitrends backup appliances are optionally integrated with our purpose-built cloud for straightforward, cost-effective off-site storage, long-term data retention and white glove Disaster Recovery-asa-Service (DRaaS).

Predictive Analytics and Self-Healing

Next-generation technologies, such as Helix self-healing backup software, proactively anticipate and resolve potential downtime threats and leading causes of recovery failure, such as ransomware, VSS issues and drive and RAID failures, for rock-solid IT resilience.

Award-Winning 24/7/365 Support

Based in the U.S. with a 97% customer satisfaction rating.

Simple, Predictable Pricing

With subscription pricing, always have full-featured backup and disaster recovery in place with flexible payment options to match your budget.

Choose from

- Recovery Series rackmount appliances available in 14 models with sizes ranging from 4TB to 120TB — enterprise-class backup built for any size server room and any amount of data.
- The Unitrends 10002 ION delivers enterprise-class backup and recovery in a discrete, completely quiet desktop form factor for offices and locations without a dedicated server room or rack.

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Unitrends Backup Appliance Features

All models now include our most advanced backup software with built-in enterprise features. Available add-ons include Helix self-healing backup automation, Forever Cloud long-term retention and Disaster Recovery-as-a-Service (DRaaS).

Recovery series features	Included
Backup for physical, virtual (VMware, Hyper-V, Nutanix AHV), storage, applications and more	✓
Automated predictive analytics for ransomware detection	✓
AES 256-bit encryption in-flight and at-rest	✓
Global, adaptive deduplication	✓
Local backup copies (NAS, DAS and SAN)	✓
Unitrends Cloud and DRaaS	Add-Ons Available
Hot/cold and dissimilar bare metal recovery (BMR)	✓
Replication target	✓
Instant recovery for VMware, Hyper-V and Windows (P2V), (V2V), (V2P)	✓
VMware and Windows replicas	✓
Virtual disk export to VMDK, VHD, VDHX, RAW formats	✓
Predictive, analytics-based hardware resilience and failure alerts	✓
SLA Policy Automation - Define and schedule backups in one easy step based on RTO and RPO goals	✓
Integration with RESTful API	✓
Database protection for SQL Server and Oracle	✓
Long-term data management	✓
Recovery Assurance automated recovery testing	✓
Automated failover orchestration	✓
RTO/RPO compliance reporting	✓
Recovery analytics	✓
Unlimited granular Exchange recovery	✓
Security-integrated copy data management (CDM)	✓
Easy file recovery with Backup Browser advanced search and filtering	✓

Recovery Series Backup Appliances Specifications

Original flavor of legendary Unitrends all-in-one backup appliances, built for any size server room.

	10002	10004	10006	10008	10010	10012	10016	10020	10024	10032	10040	10060	10080	10100	10120
Usable Capacity (TB) ⚙	2	4	6	8	10	12	16	20	24	32	40	60	80	100	120
Suggested Backup (TB) *	1.4	2.4	3.6	5.3	6.7	8.3	11	13	16.6	22	28.2	41.9	55.7	74.8	88.6
Form Factor	Micro Tower	1U	1U	1U	1U	1U	1U	1U	1U	2U	2U	2U	2U	2U	2U
Processor Cores/Threads	6/12	4/8	4/8	4/8	6/12	6/12	8/16	8/16	8/16	24/48	24/48	24/48	24/48	32/64	32/64
RAM (GB)	16	16	16	16	16	16	32	32	32	64	128	256	256	256	256
ECC RAM	✘	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Out-of-Band Management	✓ Intel Vpro	✓ iDRAC Express	✓ iDRAC Express	✓ iDRAC Express	✓ iDRAC Enterprise	✓ iDRAC Enterprise	✓ iDRAC Enterprise	✓ iDRAC Enterprise	✓ iDRAC Enterprise	✓ iDRAC Enterprise	✓ iDRAC Enterprise	✓ iDRAC Enterprise	✓ iDRAC Enterprise	✓ iDRAC Enterprise	✓ iDRAC Enterprise
Virtual Remote Console	✘	✘	✘	✘	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hot Swap HD	✘	✘	✘	✘	✘	✘	✓	✓	✓	✓	✓	✓	✓	✓	✓
1 Gbps Ethernet Ports	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10 Gbps Ethernet Ports	✘	✘	✘	✘	✘	✘	2	2	2	2	2	2	2	2	2
ADD-ON FEATURES	**10002**	**10004**	**10006**	**10008**	**10010**	**10012**	**10016**	**10020**	**10024**	**10032**	**10040**	**10060**	**10080**	**10100**	**10120**
2x25 Gbps SFP28+ NIC	✘	✘	✘	✘	✘	✘	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
1x16 Gbps Fibre Channel	✘	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
12 Gbps SAS Controller (RXDA or Tape) ●	✘	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Redundant Power Supply	✘	✘	✘	✘	✘	✘	⊙	⊙	⊙	✓	✓	✓	✓	✓	✓

✓ 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.

● A single appliance can be connected to either RXDA or Tape, but not both at once. Connecting your appliance to the RXDA chassis requires a third-party Mini-SAS SFF-8644 to SFF-8088 external cable.

STORAGE	10002	10004	10006	10008	10010	10012	10016	10020	10024	10032	10040	10060	10080	10100	10120
SSD NVMe Flash (in GBs)	256 NVMe	✗	✗	✗	✗	✗	✗	✗	✗	960GB NVMe	960GB NVMe	960GB NVMe	960GB NVMe	960GB NVMe	960GB NVMe
OS Disk RAID Level	✗	✗	✗	✗	✗	✗	✗	✗	✗	RAID 1	RAID 1	RAID 1	RAID 1	RAID 1	RAID 1
Backup Disk (in TBs)	1x2TB NVMe	2x4	2x8 ↑	2x8	2x12 ↑	2x12	4x8	4x12 ↑	4x12	10x4	12x4	12x8 ↑	12x8	10x16 ↑	10x16
RAID Type-Level	✗	SW RAID 1	SW RAID 1	SW RAID 1	SW RAID 1	SW RAID 1	HW RAID 10	HW RAID 10	HW RAID 10	HW RAID 6 SW RAID 1 (DB) HW RAID 1 (OS)	HW RAID 6 SW RAID 1 (DB) HW RAID 1 (OS)	HW RAID 6 SW RAID 1 (DB) HW RAID 1 (OS)	HW RAID 6 SW RAID 1 (DB) HW RAID 1 (OS)	HW RAID 6 SW RAID 1 (DB) HW RAID 1 (OS)	HW RAID 6 SW RAID 1 (DB) HW RAID 1 (OS)
PLATFORM CHARACTERISTICS	**10002**	**10004**	**10006**	**10008**	**10010**	**10012**	**10016**	**10020**	**10024**	**10032**	**10040**	**10060**	**10080**	**10100**	**10120**
Width (inches)	7.17 (182.0 mm)	18.97 (482.0 mm)	18.97 (482.0 mm)	18.97 (482.0 mm)	18.97 (482.0 mm)	18.97 (482.0 mm)	17.08 (434 mm)	17.08 (434 mm)	17.08 (434 mm)	18.97 (482 mm)	18.97 (482 mm)	18.97 (482 mm)	18.97 (482 mm)	18.97 (482 mm)	18.97 (482 mm)
Height (inches)	1.42 (36.0 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)	3.41 (86.8 mm)	3.41 (86.8 mm)	3.41 (86.8 mm)	3.41 (86.8 mm)	3.41 (86.8 mm)	3.41 (86.8 mm)
Depth (inches)	7.00 (178.0 mm)	22.16 (563.0 mm)	22.16 (563.0 mm)	22.16 (563.0 mm)	22.16 (563.0 mm)	22.16 (563.0 mm)	23.45 (595.63 mm)	23.45 (595.63 mm)	23.45 (595.63 mm)	26.99 (685.78 mm)	26.99 (685.78 mm)	26.99 (685.78 mm)	26.99 (685.78 mm)	26.99 (685.78 mm)	26.99 (685.78 mm)
Unit Weight (Pounds)	2.06 (0.94 kg)	27.51 (12.48 kg)	27.51 (12.48 kg)	27.51 (12.48 kg)	27.51 (12.48 kg)	27.51 (12.48 kg)	41.05 (18.62 kg)	41.05 (18.62 kg)	41.05 (18.62 kg)	63.53 (28.82kg)	63.53 (28.82kg)	63.53 (28.82kg)	63.53 (28.82kg)	63.53 (28.82kg)	63.53 (28.82kg)
Shipping Weight (Pounds)	5 (2.27 kg)	40 (18.1 kg)	40 (18.1 kg)	40 (18.1 kg)	40 (18.1 kg)	40 (18.1 kg)	56 (25.4 kg)	56 (25.4 kg)	56 (25.4 kg)	79 (35.83 kg)	79 (35.83 kg)	79 (35.83 kg)	79 (35.83 kg)	79 (35.83 kg)	79 (35.83 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)	130	450	450	450	450	450	800	800	800	1100	1100	1100	1100	1100	1100
Heat Generated While Operating (BTUs)	444	1871	1871	1871	1871	1871	2730	2730	2730	4125	4125	4125	4125	4125	4125
Operating Temperature	0°C - 35°C (32°F to 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)	0°C - 35°C (32°F to 95°F)	10°C - 35°C (50°F-95° F)
Relative Humidity	20% to 80% (noncon-densing, max dew point tempera-ture = 26°C)	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point	8% with -12°C minimum dew point to 80% with 21°C (69.8°F) maximum dew point

✓ Included ⦿ Optional ✗ Not Available

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

Ready to see all-in-one backup in action?

SCHEDULE A DEMO

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.

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