

Detailed Appliance Comparison Matrix

● Standard ○ Optional ∅ Not Available

| Unitrends' Family of Backup Appliances | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----------|
| Major Features | 172 | 212 | 312 | 612 | 712 | 812 | 722 | 732 | 832 | 833 | vRecovery |
| No Limits™ Licensing | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Protects 100+ Versions of Operating Systems and Applications | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Continuous Data Protection | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Point-in-Time Protection | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Adaptive Deduplication™ | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Advanced Compression | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Vault2Cloud™ Enabled | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Private Vaulting Enabled | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| iseGrid Scalable | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| May Serve as Private Vault | ∅ | ∅ | ∅ | ● | ● | ● | ● | ● | ● | ● | ● |
| May Cross Vault | ∅ | ∅ | ∅ | ● | ● | ● | ● | ● | ● | ● | ● |
| Rapid Recovery Console | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Hot/Cold Bare Metal | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Dissimilar Bare Metal | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| AES-256 Bit Encryption | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Capacities | 172 | 212 | 312 | 612 | 712 | 812 | 722 | 732 | 832 | 833 | vRecovery |
| Raw Storage (TB) | 1 | 1 | 2 | 2 | 4 | 6 | 10 | 16 | 21 | 31 | 1-10 |
| Maximum Backup (TB) ¹ | 0.4 | 0.5 | 1 | 1.2 | 2.2 | 3.3 | 6 | 9 | 13 | 18 | 0.5-6.5 |
| Vaulting Capacity (TB) | ∅ | ∅ | ∅ | 0.9 | 1.9 | 2.6 | 4.0 | 6.6 | 9.0 | 14.0 | 0.3-4.5 |
| Rotational Archiving | 172 | 212 | 312 | 612 | 712 | 812 | 722 | 732 | 832 | 833 | vRecovery |
| Recovery-Dock (USB 2.0) | ○ | ∅ | ∅ | ∅ | ∅ | ∅ | ∅ | ∅ | ∅ | ∅ | ∅ |
| Recovery-Dock (eSATA) | ∅ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ∅ |
| Recovery-Archive (eSATA) | ∅ | ∅ | ∅ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ∅ |
| To Tape | ∅ | ∅ | ∅ | ∅ | ∅ | ○ | ○ | ○ | ○ | ○ | ○ |
| To NAS | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| To SAN | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Standard eSATA Ports | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ∅ |
| Optional eSATA Ports | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | ∅ |
| Monitoring/Management | 172 | 212 | 312 | 612 | 712 | 812 | 722 | 732 | 832 | 833 | vRecovery |
| Single Pane of Glass | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Backup Scheduling | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Inclusion/Exclusion Backup | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Bandwidth Throttling | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Detailed Reporting | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Graphical Reporting | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Custom Reporting | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Alert-Based Monitoring | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| SMTP-Based E-Mail Reporting | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| SNMP Trap | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Logging | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Upgrade Alerting | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| One-Click Upgrade | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

| Appliance Characteristics | 172 | 212 | 312 | 612 | 712 | 812 | 722 | 732 | 832 | 833 | vRecovery |
|-----------------------------------|---------------|-------|-------|---------|-------|-------|---------|---------|-------|-------|-----------|
| Form Factor | Small Desktop | | | 1U Rack | | | 2U Rack | 3U Rack | | | Ø |
| Processor Threads | 4 | 2 | 4 | 4 | 4 | 8 | 8 | 8 | 16 | 16 | Ø |
| RAM (GB) | 4 | 4 | 4 | 4 | 8 | 16 | 16 | 24 | 48 | 48 | Ø |
| Cold Swap Drives | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | Ø |
| User-Replaceable Drives | Ø | Ø | Ø | Ø | ● | ● | ● | ● | ● | ● | Ø |
| Hot Swap Drives | Ø | Ø | Ø | Ø | Ø | Ø | ● | ● | ● | ● | Ø |
| Storage | 172 | 212 | 312 | 612 | 712 | 812 | 722 | 732 | 832 | 833 | vRecovery |
| Single Non-RAID Drive | ● | Ø | Ø | Ø | Ø | Ø | Ø | Ø | Ø | Ø | Ø |
| RAID Type | None | 1 | 1 | 1 | 10 | 5 | 1/6 | 1/6 | 1/6 | 1/6 | Ø |
| Networking | 172 | 212 | 312 | 612 | 712 | 812 | 722 | 732 | 832 | 833 | vRecovery |
| Standard 1Gb Ethernet Ports | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | Ø |
| Optional 4x1Gb Ethernet Ports | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | Ø |
| Total Possible 1Gb Ethernet Ports | 1 | 1 | 1 | 2 | 2 | 2 | 6 | 8 | 8 | 8 | Ø |
| 2x10Gb Ethernet | Ø | Ø | Ø | Ø | Ø | Ø | ○ | ○ | ○ | ○ | Ø |
| 1x8Gb Fibre Channel | Ø | Ø | Ø | Ø | Ø | Ø | ○ | ○ | ○ | ○ | Ø |
| Platform Characteristics | 172 | 212 | 312 | 612 | 712 | 812 | 722 | 732 | 832 | 833 | vRecovery |
| Dimensions | | | | | | | | | | | |
| Width | 8.66" | 8.66" | 8.66" | 16.8" | 17.2" | 17.2" | 17.2" | 16.9" | 16.9" | 16.9" | Ø |
| Height | 5.12" | 5.12" | 5.12" | 1.7" | 1.7" | 1.7" | 3.5" | 5.2" | 5.2" | 5.2" | Ø |
| Depth | 13.0" | 13.0" | 13.0" | 14" | 19.8" | 25.6" | 25.5" | 26" | 26" | 26" | Ø |
| Unit Weight (Pounds) | 9 | 10 | 10 | 15 | 25 | 30 | 51 | 70 | 70 | 70 | Ø |
| Shipping Weight (Pounds) | 14 | 15 | 15 | 20 | 32 | 37 | 60 | 85 | 85 | 85 | Ø |
| Power | | | | | | | | | | | |
| Minimum AC Inputs (VAC) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | Ø |
| Maximum AC Inputs (VAC) | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | Ø |
| AC Power Consumption (W) | 220 | 350 | 350 | 280 | 520 | 560 | 700 | 760 | 760 | 760 | Ø |
| Redundant Power Supplies | Ø | Ø | Ø | Ø | Ø | Ø | ● | ● | ● | ● | Ø |
| Total Heat Dissipation (BTU Max) | 751 | 1195 | 1195 | 956 | 1775 | 1912 | 2390 | 2595 | 2595 | 2595 | Ø |
| Environmental | | | | | | | | | | | |
| Non-Operating Vibration | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | Ø |
| Operating Shock (2ms(Gs)) | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | Ø |
| Non-Operating Shock (1ms(Gs)) | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | Ø |
| Support and Warranty | 172 | 212 | 312 | 612 | 712 | 812 | 722 | 732 | 832 | 833 | vRecovery |
| Silver | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Gold | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Platinum | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Business Critical | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |

¹ Maximum backup is the best-case, maximum total backup size with the absolute minimum retention. It assumes a compression ratio of at least 2:1. Please use the [Unitrends Appliance Navigator](#) for a more reliable value.