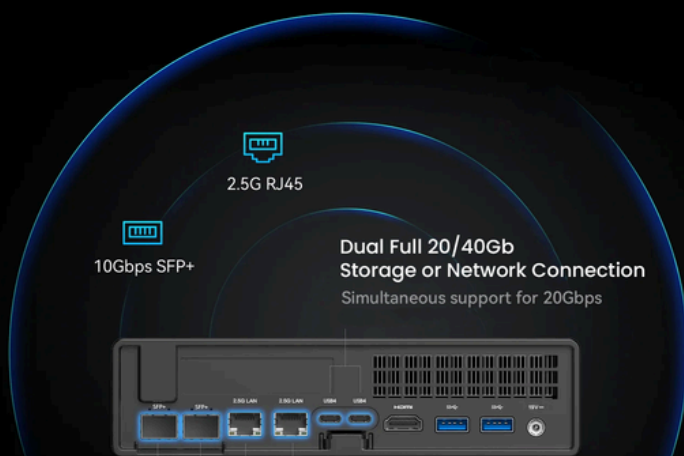# StoneFly DR365V M1

Veeam Ready ransomware-proof data center in the box solution which delivers backup, replication, restore, and storage with integrated Air-Gapped Vault®, Always On-Air® Gapped and immutable ransomware protection, SAN, NAS, S3 object storage, and management capabilities.

Integrated Ransomware Protection

- Air-Gapped Vault and Immutable File and S3 Object Lockdown
- Software-Defined Network Isolation Zone
- Immutable Delta-Based Snapshots
- End-to-End Encryption at Rest and in Transit
- Hardware-Based Encryption Engine
- Anti-Ransomware/Malware/Virus Scanner
- Sandbox for Testing and Clean Spin Up
- Automated Failover/Failback
- Volume Deletion Protection
- Multi-Factor Authentication (MFA)

veeam
Ready
Object
Immutability

veeam
Competency Partner
Ransomware and Disaster Recovery
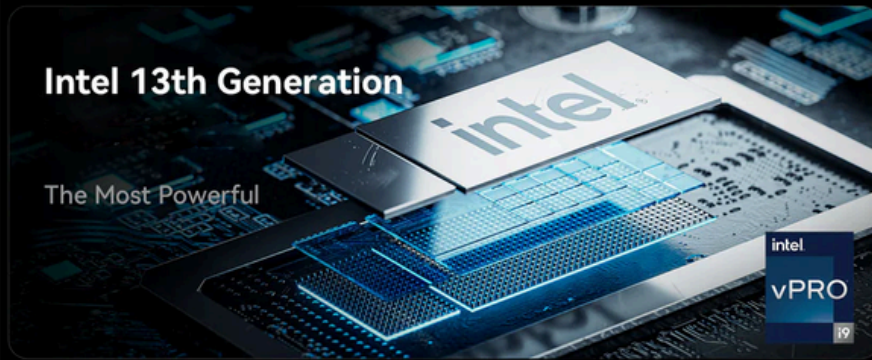
Storage, Optimization, & Management

- iSCSI and Fibre Channel SAN
- NFS and CIFS/SMB NAS
- S3 Object Storage (On-Premises & Cloud)
- Variable Block Deduplication
- Sync/Async Replication
- Frontend SSD Caching
- Thin Provisioning
- Scale Up by Adding External Expansion
- Scale Out by Adding More Nodes
- Real-Time Graphical Performance and Resource Utilization Tracking and Reporting

2.5G RJ45

10Gbps SFP+

Dual Full 20/40Gb Storage or Network Connection
Simultaneous support for 20Gbps

Dual 10Gbps SFP+ Ethernet ports
Supports link aggregation

Dual 2.5G RJ45 network ports
I226-LM Support Windows Servers

Intel 13th Generation

The Most Powerful

intel

intel vPRO i9

Onboard X710 10 Gigabit Dual Ethernet Ports

Dual 2.5G ports on board

Dual 2.5G RJ45 network ports

Dual Storage or Network Connection

Full 40G and supports 20G

Standard PCIE Interface

triple solid state

SUPPORT RAID0/RAID1

Intel 13th Gen Processors

Equipped with Intel's 13th Generation processors, offering 14 cores, 20 threads, and 24MB L3 cache. Clock speeds reach 5.4GHz and 5.0GHz, respectively.

High-Speed Network

Two 10Gbps SFP+ LAN ports, two 2.5Gbps RJ45 LAN ports, and two storage/network connection ports enable high-speed networking with Ethernet throughput of up to 65Gbps.

Dual Full 20/40Gb Storage or Network Connection Ports

Two ports with dual-channel transmission technology offer up to 40Gbps data transfer speeds. Additionally, the ports enable the creation of a 20Gbps Ethernet network.

SAS Extension Port

A SAS extension port enables the connection of high-performance SAS storage devices. This provides fast data transfer for demanding applications and supports SAS connections for 8, 12, 16, 24, 36, 60, and 108-bay EBODs, as well as 8, 12, 16, 24, and 36-bay RAID arrays. Additionally, the SAS port can be used to connect to additional regular storage, air-gapped and immutable storage for security, sandbox for testing, and more.

Available Configurations

Single-Node Appliance

Scale Out - Start with 3x Nodes

Hardware Specifications

CPU	Intel 13th Gen Processor
Memory	DDR5-5200MHz Dual Channel 8, 16, 32, 64, and 96GB
NVMe SSD (3 Slots)	M.2: 2TB, 4TB, and 8TB / U.2: 3.8TB, 7.6TB, 15.3TB — (PCIe 4.0 x4) x1 / (PCIe 3.0 x4) x1 / (PCIe 3.0 x2) x1 Two slots are NVMe M.2. The third slot supports NVMe M.2 and U.2.
PCIe Data	RAID 0, 1: 2TB, 4TB, and 8TB JBOD: 2TB, 4TB, and 8TB
NVMe PCIe Flash Add-On	Hot-Swappable Dual 2TB, 4TB, and 8TB
Ethernet	① 10Gbps SFP+ LAN ×2 ② 2.5Gbps RJ45 LAN ×2

External Portable Storage Expansion (Optional)

Single NVMe Storage Hot-Swappable Enclosure

- 40Gbps storage connection
- 2TB, 4TB, 8TB x1

Dual NVMe Or Disk Expansion with RAID 0, 1

- 40Gbps storage connection
- Capacity: 16TB, 24TB, 32TB, 40TB, 44TB, and 48TB

Single Disk Expansion

- 40Gbps storage connection
- Capacity: 10TB, 12TB, 14TB, 16TB, and 18TB

Dual NVMe or Disk Storage Raid 0,1

- 40Gbps storage connection
- Capacity: 4TB (2TB x 2TB) and 16TB (8TB x2)

External Portable Storage Expansion (Optional)

5TB Disk Expansion

- 40Gbps storage connection
- 5TB x1

Build Your Ransomware-Proof Veeam Backup and DR Solution Today

Contact sales@stonefly.com

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