



Catalogic DPX

25+ Years of Trusted Enterprise Data Protection



DPX Datasheet | July 2026

Catalogic DPX

Protect physical, virtual, and modern hypervisor environments with a cost-effective platform that delivers secure backup, rapid recovery, cyber-resilient restoration, immutable storage, and long-term data retention.

Catalogic DPX is a unified enterprise data protection platform that safeguards and recovers physical servers, virtual machines, business-critical applications, and NAS storage from a single console. Patented block-level backup, agentless VMware, Hyper-V, and Proxmox protection, and built-in ransomware detection keep recovery fast, complete, and trustworthy, without appliance lock-in or runaway storage costs.

Market Insight:

Enterprise backup has quietly become one of the most strategic decisions IT leaders make, and the game has changed. Four things are happening at once.

- Vendor lock-in is no longer acceptable. The Broadcom/VMware acquisition was a wake-up call, that relying on one vendor is risky. IT leaders are now building flexible, multi-hypervisor infrastructure across on-prem and private cloud, for resilience and ability to adapt.
- Data is growing faster than anyone budgeted for. AI workloads are a big part of that, training data, inference logs, model artifacts. Some environments are seeing 30–50% annual growth. A backup platform that scales gracefully matters as much as one that works today.
- Where your data lives is now a leadership question. Regulations like GDPR, DORA, and the EU Data Act mean CIOs can't just say "it's in the cloud". They need to know exactly which jurisdiction holds it, and who could compel access.
- The real cost isn't the price you pay now, it's the price you pay when you can't leave. Renewal negotiations look very different once migration is painful.

Key Product Highlights

Robust Backup & Recovery

- Patented block-level backup cuts backup time and system impact by up to 90%.
- Agentless VMware (VADP), Hyper-V, and Proxmox backup, no per-VM agents.
- Application-consistent protection for SQL Server, Oracle, and SAP HANA.
- File server and NAS backup, including NDMP.
- Bare metal recovery to the same or dissimilar hardware.
- S3-compatible object storage protection, backup and recovery of cloud and on-premises S3 data.

Rapid, Granular Recovery

- Instant Access mounts a block backup as a writable network drive, no waiting for a full restore.
- Instant VM Restore boots a VM directly from backup storage within minutes.
- Rapid Return to Production migrates a recovery VM to permanent storage in the background.
- Granular file, folder, and application-object recovery (Exchange, SharePoint, SQL) from any restore point.
- vStor Snapshot Explorer browses and restores individual files from a snapshot.

Proactive Ransomware Defense

- DPX GuardMode detects ransomware-like behavior and suspicious or encrypted files early.
- Backup verification confirms VMware and block backups are restore-ready before recovery.
- vStor immutable snapshots with deletion lock and MFA-backed protection controls.
- GuardMode scan recommended before restore, so teams recover a clean point in time.
- Air-gapped, offline tape archives as a last line of defense against network-based attacks.

Flexible, Cost-Efficient Storage

- vStor software-defined backup repository, deploy as a virtual appliance or on physical infrastructure, with no appliance lock-in.
- ZFS-powered deduplication and compression reduce backup storage footprint.
- Replication to a second vStor target for site resilience and remote office protection.
- Archive to cloud object storage (Amazon S3, Azure Blob, Wasabi, Backblaze B2 and more), tape, or disk.
- No additional licensing cost for vStor repositories.

Advanced Features

Comprehensive Backup, Recovery & Migration

- Single console for physical Windows, Linux, and UNIX servers, VMware, Hyper-V, and Proxmox VMs, applications, databases, file/NAS, and S3 object storage.
- Block-level backup moves only changed data.
- Bare metal recovery to the same or dissimilar hardware.
- Backup images reusable for Dev-Test, reporting, and analytics.

Modern Hypervisor Protection

- Agentless VMware backup via VADP proxies, no in-VM agents.
- Hyper-V protection on Windows Server 2016, 2019, 2022, 2025.
- Agentless, API-based Proxmox VE backup with possible granular file recovery using vStor snapshot explorer.
- Auto-discovery of new, changed, and deleted VMs.

Rapid Recovery, Minutes Not Hours

- Instant Access maps a snapshot as a read/write network drive.
- Instant VM Restore boots VMs directly from backup storage, then Rapid Return to Production migrates them to permanent storage in the background.
- Full VM restore for VMware and Hyper-V, plus recovery from replicated or alternate storage if the primary site is down.

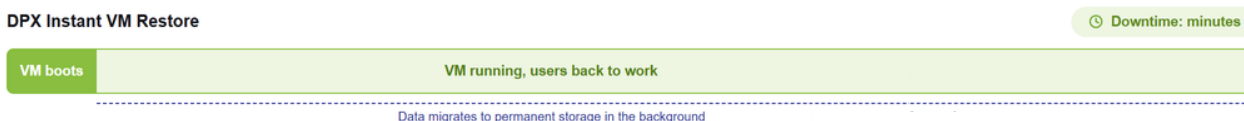
Cyber-Resilient Recovery

- GuardMode detects ransomware behavior and encrypted files.
- Backup verification validates VMware and block backups before restore.
- Immutable vStor snapshots with deletion lock protect recovery points from tampering.
- Pre-restore GuardMode scan to pick a clean recovery point.

Traditional restore



DPX Instant VM Restore



Immutable Backup Storage (vStor)

- Virtual or physical deployment, no appliance lock-in.
- Immutable snapshots with deletion locks and MFA controls.
- ZFS compression and deduplication cut storage growth.
- Point-to-point replication with deletion protection on the target.
- Recovery workflows across VMware, Hyper-V, Nutanix AHV, Scale Computing, and more.

Long-Term Retention and Archival

- Archive block and VMware agentless backups to cloud object storage, LTO tape, or disk.
- Cloud targets include Amazon S3, Azure Blob, Wasabi, Backblaze B2, Cloudian, MinIO, and other S3-compatible storage.
- Air-gapped tape with LTO hardware encryption.
- Per-job retention with automated cleanup.
- vStor offloading keeps more history online at lower cost.

Advanced Database & Application Protection

- Consistent backup and recovery for SQL Server, Oracle, and SAP HANA.
- Object-level recovery for Exchange (email, contacts, tasks), SharePoint (documents, lists, sites), and SQL tables.
- Drag-and-drop recovery from mapped backup images, hours down to moments.
- NetApp ONTAP integration sends blocks directly to NetApp storage, no media or device servers needed.

Reporting, Scalability & Support

- Power BI reporting on backup types, node status, storage, and jobs, included at no extra cost.
- Reference configuration supports up to 300 clients and about 25 concurrent jobs; larger environments scale with additional master servers.
- Multiple tape drives and modern formats including LTO-9.
- Email and remote support, with enterprise-grade plans available.

DPX vs. the Market

Enterprise backup buying decisions in 2026 come down to a few structural questions: what will this cost at scale, does it lock our architecture into one shape, who can access our data, and is the backup itself safe from attack.



These are the areas where DPX's approach, flexible by design, self-hosted, and free of appliance or hyperscaler lock-in, holds up well against the market's larger, more centralized platforms.



Market Shift

What Buyers Are Running Into

The DPX Approach



Licensing & pricing

- Capacity- and subscription-based models from the large backup vendors have grown less predictable.
- Published reports point to annual list-price increases in the mid-to-high single digits.
- Quote-only enterprise pricing makes costs hard to forecast.
- Storage costs (often 30-50% of total spend) sit outside the license entirely.

- DPX licensing is straightforward and flexible, node/socket-based or tailored capacity-based models.
- No extra charge for the vStor repository.
- Deduplication and compression are built in, so the storage line item stays predictable instead of scaling as a hidden cost.



Deployment flexibility

- Most platforms push customers toward one architecture, agentless-only for virtual estates or a proprietary storage appliance.
- That works well for pure VMware/cloud shops.
- Friction starts the moment physical servers, legacy OS, or a non-mainstream hypervisor enter the picture.

- Agentless VMware, Hyper-V, and Proxmox protection alongside agent-based block-level backup for physical Windows and Linux servers, all from the same console.
- vStor is software-defined and deploys on infrastructure the customer already owns.
- No forced appliance refresh cycle.



Data sovereignty & control

- Regulatory pressure is rising, GDPR enforcement, the EU Data Act, and DORA.
- Foreign-access exposure, including the US CLOUD Act, is under growing scrutiny.
- European and public-sector buyers are questioning backup platforms that depend on hyperscaler-hosted SaaS or cloud-only architectures.

- DPX and vStor are self-hosted by design.
- Backup data, encryption keys, and the repository stay on infrastructure the customer controls, in the jurisdiction they choose.
- A straightforward fit for sovereignty-sensitive government, financial services, and healthcare verticals, no re-architecture needed.



Ransomware resilience

- Ransomware research consistently finds that most attacks specifically target backup repositories.
- "Do you have a backup" is the wrong question.
- The real question is whether that backup can be deleted, encrypted, or altered.

- GuardMode ransomware detection paired with vStor immutable snapshots, deletion lock, and MFA-backed protection controls.
- Air-gapped tape adds a true offline copy.
- The recovery point survives the attack that backup alone would not.



No Hypervisor Vendor Lock-in

- The hypervisor market has fragmented since the Broadcom/VMware acquisition.
- Organizations now run mixed estates of VMware, Proxmox, Hyper-V, and Nutanix, often mid-migration.
- Most backup platforms were built for one hypervisor and bolt on support for others, forcing a tradeoff between coverage and flexibility.

- Agentless VMware and Proxmox protection via native APIs.
- The same block-level backup extends to Hyper-V and physical Windows, Linux, and UNIX servers through agents, all from one console.
- As your hypervisor mix changes, your backup strategy doesn't have to.

Sources: publicly available vendor pricing pages, analyst comparisons, and industry ransomware research current as of mid-2026. This is a positioning summary, not a line-by-line competitive claim against any named vendor.

Requirements and Compatibility

The reference configuration below supports an enterprise with up to 300 clients and approximately 25 concurrent jobs, with each job backing up one client. Larger enterprises can be accommodated by introducing additional master servers. DPX performance depends on backup job configuration and scheduling.

Type	DPX Master / Proxy Server / vStor Server	Client
Memory	16 GB	2 GB minimum, 4 GB recommended for Enterprise Applications
Processor	4 virtual CPUs	1 core minimum
Architecture	x64 required	Refer to the latest Compatibility Guide
Disk Space	270 GB HDD	4 GB minimum free space for installation*
Operating System	AlmaLinux 8.10 (included in the package)	Refer to the latest Compatibility Guide
Network Adapter	10 Gbps recommended; 1 Gbps minimum	—

*For Windows clients with limited disk space, a client-only installer is available, requiring only 1.2 GB of temporary free space. See the DPX Deployment Guide for details and restrictions.

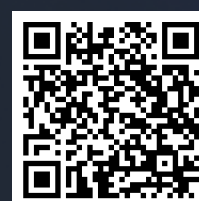
Supported Platforms

- Hypervisors: VMware vSphere, Microsoft Hyper-V, Nutanix AHV, Scale Computing, Proxmox VE, OpenStack.
- Operating systems: Microsoft Windows, Red Hat Linux, SUSE Linux, Ubuntu, and UNIX.
- Applications and databases: Microsoft SQL Server, Oracle Database, SAP HANA, OpenText/Micro Focus OES, NetApp ONTAP.
- Backup storage: DPX vStor, disk, NetApp, cloud object storage (Amazon S3, Azure Blob, Wasabi, Backblaze B2, Cloudian, MinIO, and other S3-compatible storage), and LTO tape (including LTO-9).

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Get support from our highly rated team. Contact us to discuss how Catalogic DPX addresses your enterprise data protection needs, including filling any gaps in your current backup strategy.

Request a demo here



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