DATA SHEET

Pure Storage FlashExpress Suite

Enterprise-level Storage for Everyone

There's no need to compromise anymore. Pure Storage® FlashExpress Suite delivers enterprise-class storage that's right-sized for your business today, with a non-disruptive upgrade path for the future. Simple to deploy and effortless to manage, FlashExpress Suite offers an exceptional out-of-the-box experience—for both you and your users.

Storage without Compromise

FlashExpress Suite delivers effortless storage. The hardware, software, and cloud management experience are fully integrated to make everything just work, with no extra effort.

Self-managing and plug-and-play: Break free from tuning, tiering, pools, performance troubleshooting, planned downtime, and forklift upgrades.

Workload consolidation: Run lean with an efficiency that's typically two times better than competitor solutions. FlashExpress Suite helps save space, power, cooling, and costs. Consolidate your workloads safely with built-in QoS and consistent mixed-workload performance.

Built-in Purity Data Services: There's nothing else to buy. Always-on deduplication, compression, encryption, and active-active synchronous replication keep your data always available and your array running efficiently.

Enterprise Performance

- Built-in enterprise data services
- 100% NVMe Flash supports maximum workloads on a 3U array
- Pure1® helps keep you at full performance, 24/7

Efficient and Reliable

- Always-on 4:1 data reduction delivers lower TCO[1]
- Proven 99.9999% availability
- Safeguard data with included active replication, always-on encryption, and ransomware recovery or remediation

Effortless Simplicity

- Quick and simple install— no manual required
- Plan, manage, and monitor with Pure1 cloud-based management and mobile app

Future-Proof

- Includes Pure Storage Evergreen//Foundation™ for non-disruptive upgrades
- 12-month subscription for 50TiB Pure Cloud Block Store™ included

FlashExpress Suite

Purity//FA   Pure1®   Evergreen™ Storage   Pure Cloud Block Store™

Works with Your Existing Environment

FlashExpress Suite is tested and certified to work with all your critical applications and cloud infrastructure today. Integrate and automate FlashExpress Suite wherever you need it by using REST, CLI, or PowerShell. Start with a few applications and grow your data center capabilities as needed.

Manage Intelligently

Pure1® cloud-based management delivers IT results faster, lets you manage from anywhere, and provides full-stack monitoring with predictive analysis and support. Monitor, manage, and analyze your storage from any device, including your smartphone. Reduce downtime risk with the industry's most advanced storage AI that continuously scans your arrays to detect any issues and instantly alerts Pure Support to resolve problems before they occur.

Extend to the Cloud

With a 12-month subscription for 50TiB of Pure Cloud Block Store™ included, you can continue to grow your hybrid data center without worry. Pure Cloud Block Store delivers seamless data mobility, data protection, and a consistent experience for your local storage and AWS or Azure. Take your storage to the next level while integrating all your data management under one experience.

> "I hardly ever have to look at the Pure system from a management perspective.
> It just runs."

TERRY YOUNG, SENIOR NETWORK AND SYSTEMS ADMINISTRATOR, CASTILLEJA SCHOOL

The Evergreen Advantage

An Evergreen® Storage subscription keeps your FlashExpress Suite forever young, with no planned downtime, no performance impact, and no data migration. An included Evergreen//Foundation subscription keeps your array up to date with the latest Purity releases at no cost, providing you with 36 months of 24/7 next-business-day support.

Our Right Size Guarantee™ lets you buy just the storage capacity you need[2]. Once you're up and running, your Evergreen maintenance ensures you get any replacement components you need. With expert support, that's a true "white glove" experience.

Technical Specifications

Capacity	Connectivity	Physical
22TB raw / 46TiB effective capacity[1] 45TB raw / 94TiB effective capacity[1] 63TB raw / 147TiB effective capacity[1]	16/32Gb/s Fibre Channel (NVMe-oF Ready) 10/25Gb/s Ethernet iSCSI 1Gb/s management and replication ports	3U[3] 740–973 watts (nominal–peak) 95lbs. (43.1kg) fully loaded 5.12" x 18.94" x 29.72" chassis

1   Effective capacity assumes high availability, RAID, and metadata overhead, GB-to-GiB conversion, and includes the benefit of data reduction with always-on inline deduplication, compression, and pattern removal. Average data reduction is calculated at 4-to-1 and does not include thin provisioning.

2   FlashExpress Suite purchases are to only be used on End User workloads that receive a minimum of 2:1 data reduction, as reported in Pure1, and specifically exclude any PRE Data. "Pre-Reduced or Encrypted (PRE Data)" means data stored or written to any FlashExpress Suite purchase that has been pre-encrypted, pre-deduped, or pre-compressed upfront, or any workloads, the majority of which result in data reduction of less than 2:1, as determined by Pure1. Pure will provide additional capacity to the FlashExpress Suite if at any time during the first 12 months following the purchase, the following are all reported simultaneously via Pure1: (a) the FlashExpress Suite system experiences a data reduction ratio of less than 4:1; (b) the FlashExpress Suite system has reached a minimum of 60% utilization; and (c) all datasets on the array are experiencing 2:1, or greater, data reduction.

3   FlashExpress Suite does not accept Pure Storage DirectFlash® Shelf.