

DATA SHEET



Pure Storage FlashArray//C20

Extending the Pure Storage platform to entry-level capacities

The power of the Pure Storage platform is now available in smaller capacities. FlashArray//C20 is the newest member of the Pure Storage® FlashArray™ family. The capacity-optimized all-flash system delivers enterprise-class performance, reliability, and agility at capacities and prices that are more accessible for edge deployments and smaller workloads.

Capacity

- 148–260TB raw capacity
- Up to 918TB/835TiB effective capacity*

Performance

- Predictable, consistent latency as low as 3ms, suitable for business-critical workloads
- NVMe and NVMe-oF (Fibre Channel, RoCE, TCP)

Efficiency

- 95% less space compared to hybrid arrays
- 85% less energy compared to other all-flash arrays

Optimized for ROBO, Edge Deployments, and Smaller Workloads

“Entry-level” isn’t cutting it anymore for data storage. Reliability, security, simplicity, and scalability aren’t just requirements of large enterprises, they are now mandatory requirements for storing data anywhere. From smaller companies to large enterprises with remote office/branch office (ROBO) or edge deployments, today’s businesses need storage with enterprise-grade capabilities at lower capacities.

FlashArray//C Family Extended to Lower Capacities

Pure Storage FlashArray//C20 offers enterprise-class performance, reliability, and agility at capacities and prices that are more accessible for edge use cases and smaller deployments. It brings all the power and capability of the [Pure Storage platform](#) and the FlashArray//C™ family to a model that’s specifically sized and priced to support lower-capacity deployments. And unlike other “entry-level” systems, FlashArray//C20 can be [non-disruptively upgraded](#) to higher models in the [FlashArray//C family](#) with next-generation controllers to grow as you need in the future, all without planned downtime. This promise is backed with a proven track record of over 30,000 upgrades across over 3,000 customers at a 97% success rate, ensuring an investment today will continue to provide value in the future. This is a unique benefit of the Pure Storage platform and unmatched by any other vendor in the industry.

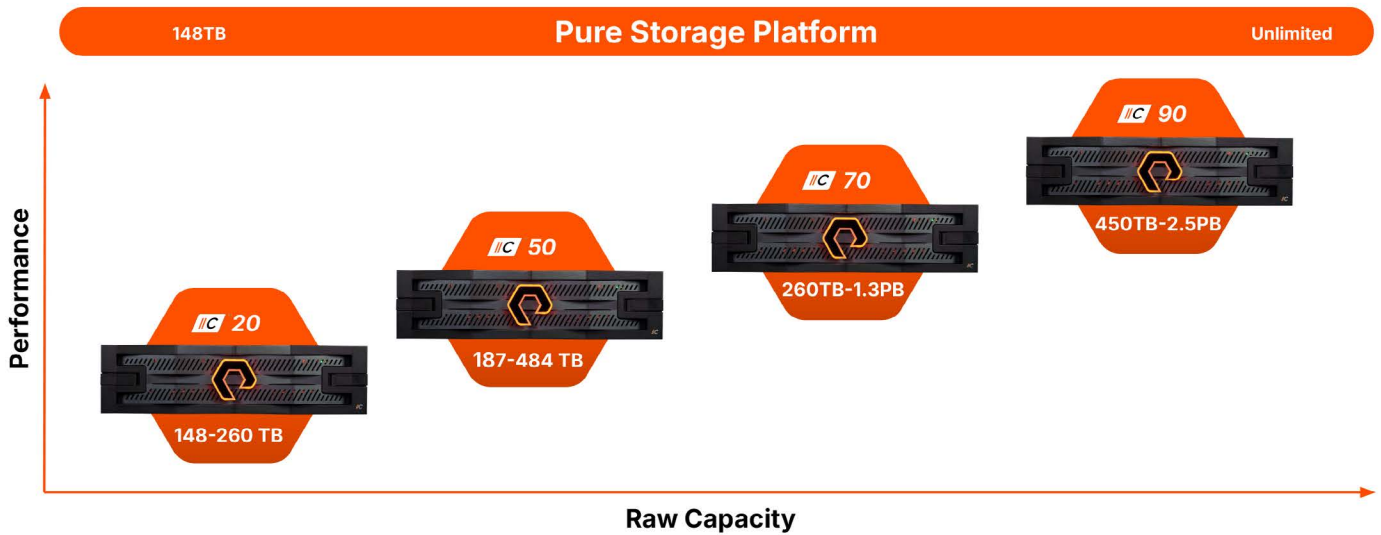


FIGURE 1 FlashArray//C Family raw capacity, with the scalability of the Pure Storage Platform

The FlashArray//C family is ideal for business critical workloads with latency requirements less than or equal to 3ms, including virtualization, unified block and file, fast backup and restore, dev/test, cyber resilience & business continuity, and data protection. The FlashArray//C20 serves as an attractive entry point for smaller deployments, but with the same scalability and consistent performance characteristics. Best of all, its value represents the perfect blend of TCO and benefit without sacrificing capability or reliability.

Cyber Resiliency Comes Included

Downtime and data loss can devastate any business regardless of size, and no matter where your data is deployed. Pure Storage offers a suite of cyber resilient solutions ranging from AI-powered assessments to non-synchronous replication and zero-trust indelibility. Unlike competitive products, critical features like SafeMode™ Snapshots are enabled by default, requiring opt-out simplifying the configuration process. SafeMode provides a series of policies to secure data including an eradication timer to protect data from deletion for a specified time period. SafeMode indelible and immutable snapshots can not be changed, deleted, or destroyed even if admin credentials are compromised.

Customers can also run AI-powered security assessments within Pure1®, allowing you to assess your entire fleet and then provide recommendations to improve resiliency. These capabilities are beneficial for both large and small environments and provide critical functionality without introducing additional steps or complexity. All of these features are available for every FlashArray, including FlashArray//C20—regardless of capacity.

Experience of the Pure Storage Platform

As an extension of the FlashArray family, FlashArray//C20 has all unique benefits of the Pure Storage Platform, such as scalable simplicity and flexibility, unmatched power and space efficiency, in-place non-disruptive upgrades, and built-in cybersecurity and resiliency. Our support organization has an industry-leading NPS of 82 and is here to support our customers, regardless of scale.



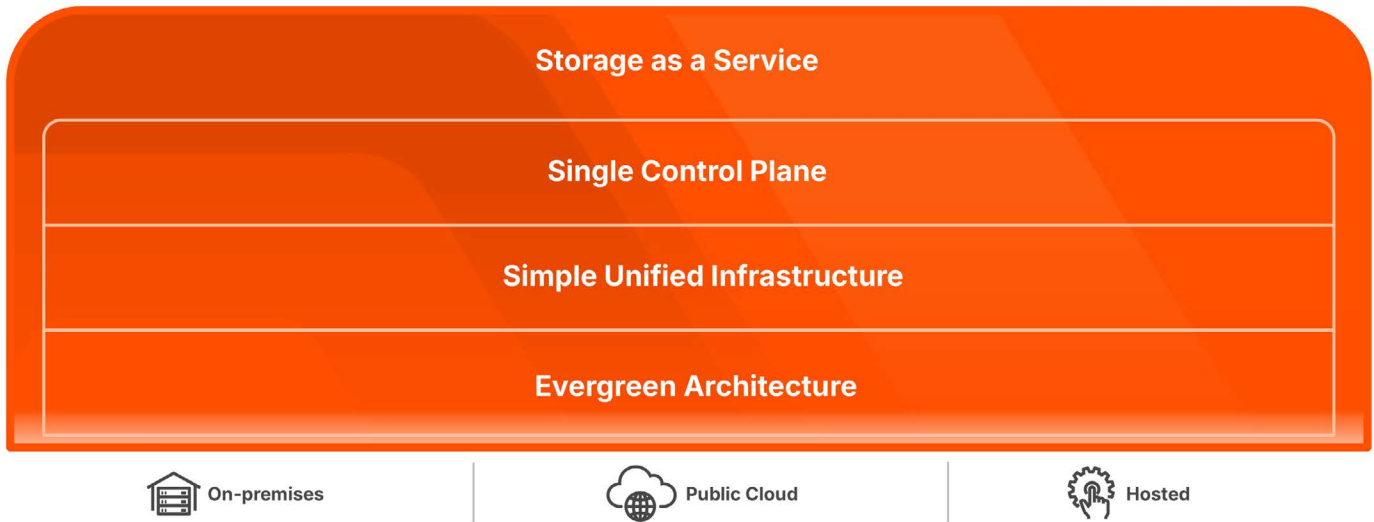


FIGURE 2 The Pure Storage platform

With the power of the Pure Storage platform and FlashArray//C20, businesses of all sizes no longer have to compromise on upgradability and capability to meet their capacity and price requirements. The FlashArray//C20 shares the same Evergreen® architecture as the rest of the FlashArray family and integrates easily into the unified infrastructure. This allows immediate and easy expansion to those remote deployments or bringing your single system online within minutes.

Model	FlashArray//C20	FlashArray//C50	FlashArray//C70	FlashArray//C90
Raw Capacity	Up to 260 TB / 236 TiB	Up to 482 TB / 438 TiB	Up to 1.3 PB / 1.1 PiB	Up to 2.5 PB / 8.4 PiB
Effective Capacity	Up to 918 TB / 835 TiB	Up to 1.6 PB / 1.4 PiB	Up to 4.8 PB / 4.4 PiB	Up to 9.3 PB / 8.4 PiB
Physical	3U 1016–1276 watts (nominal–peak) 200–240 volts (input voltage range) 90.9 lbs (41.2 kg) fully loaded 5.12" x 18.94" x 29.72" chassis	3U 1016–1276 watts (nominal–peak) 200–240 volts (input voltage range) 95 lbs (43.1Kg) fully loaded 5.12" x 18.94" x 29.72" chassis	3U–6U 1068–1424 watts (nominal–peak) 200–240 volts (input voltage range) 97.7–185.4 lbs (44.3–84.1 kg) fully loaded 5.12"–15.75" x 18.94" x 29.72" chassis	3U–9U 1191–1530 watts (nominal–peak) 200–240 volts (input voltage range) 97.7–185.4 lbs (44.3–84.1 kg) fully loaded 5.12"–15.75" x 18.94" x 29.72" chassis

Additional Resources

- Discover the [Pure Storage platform](#).
- Read about the [FlashArray//C family](#).
- Visit the FlashArray [product page](#).

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