

PNY Prevail SSDs offer incredible performance to satisfy the most demanding power user, providing a bandwidth of over 550MB/sec transfers. Throughput reaches enterprise class standards with up to 85,000 random IOPS to make the ideal storage drive.



**Servers**  
RAID Configurations  
**Networking**  
Cloud storage

## Main Characteristics

- ▶ **Controller** : SandForce SF 2281
- ▶ **Memory** : 3K P/E Endurance
- ▶ **NAND Components** : Multi-Level Cell (MLC)
- ▶ **Form Factor** : 2,5"
- ▶ **Connectors** : SATA III / 6G
- ▶ **Max Read** : up to 550 MB/s
- ▶ **Max Write** : up to 520 MB/s
- ▶ **Random Read/Write 4KB (Aligned): up to 85,000 IOPS**
- ▶ TRIM support (requires OS support)
- ▶ Compatible with Windows (32-bit & 64-bit), Linux, and Mac OSX
- ▶ **3 Years Warranty**

## Environmental

- ▶ **Power Consumption** : 2.1W Typical, 0.1W Idle
- ▶ **Operating Temperature** : 0°C ~ 70°C
- ▶ **Ambient Temperature** : 0°C ~ 55°C
- ▶ **Storage Temperature** : -45°C ~ 85°C

## Reliability & Security

- ▶ **MTBF** : 1,2 million hours
- ▶ **Data Path Protection** : ECC
- ▶ **Data Encryption** : 128-bit AES-compliant
- ▶ **Product Health Monitoring** : Self-Monitoring, Analysis and Reporting Technology (SMART) Support



## Ordering Information

DENS.	REFERENCE	UPC CODE
120 GB	SSD9SC120GCDA-PB	751492530024
240 GB	SSD9SC240GCDA-PB	751492530031
480 GB	SSD9SC480GCDA-PB	751492534572

Prevail SSDs are also available in White box and Bulk upon request.