

CorePower integrates a backup power supply to ensure stable data transmission, minimize data loss, and ensure uninterrupted operations during unexpected power outages.



#### **Seamless Data Protection**

Prevents data loss during power outages by ensuring all data is securely transferred to NAND flash.



### **Uninterrupted Operations**

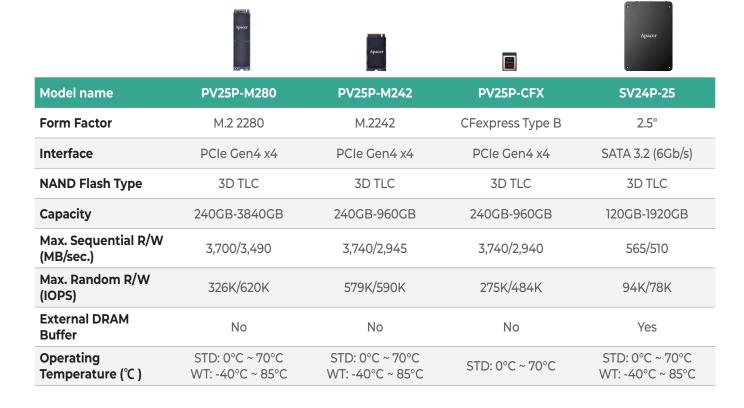
Keep critical applications running smoothly, minimizing disruptions during unexpected power failures.



#### **Reliable Data Security**

Keeps data safe without relying on software, providing independent and robust protection.

# **Product Specification**



## **Product Specification**

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Model name	SV24P-M280	SH25P-M280	SH25P-M242	SV25P-Cfast
Form Factor	M.2 2280	M.2 2280	M.2 2242	CFast
Interface	SATA 3.2 (6Gb/s)	SATA 3.2 (6Gb/s)	SATA 3.2 (6Gb/s)	SATA 3.2 (6Gb/s)
NAND Flash Type	3D TLC	3D TLC	3D TLC	3D TLC
Capacity	120GB-1920GB	40GB-640GB	40GB-160GB	120GB-960GB
Max. Sequential R/W (MB/sec.)	565/510	560/510	560/505	555/490
Max. Random R/W (IOPS)	98K/78K	57K/69K	56K/69K	50K/59K
External DRAM Buffer	Yes	No	No	No
Operating Temperature (°C)	STD: 0°C ~ 70°C WT: -40°C ~ 85°C			