

Apacer



CoreSnapshot Technology

Instant Recovery, Minimal Downtime

Apacer's CoreSnapshot enables recovery in seconds from system failures or data corruption through intelligent SSD firmware, ensuring quick restoration and minimal downtime.



Instant Backup & Recovery

Minimize downtime with instant SSD backup and recovery.



Fast Full-Disk Backup

Backup and recover not only OS but full SSD for ensuring data integrity.



High Compatibility

Highly compatible with all operating systems for saving validation time.

Product Specification



Model Name	SV240-25 SV24C-25*	SV240-M280 SV24C-M280*	SV250-M242 SV25C-M242*	SV25T-M280
Form Factor	2.5"	M.2 2280	M.2 2242	M.2 2280
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~960GB	120GB~960GB	60GB~480GB	60GB~480GB
Max. Sequential R/W (MB/sec.)	560/395	560/395	560/485	560/485
Max. Random R/W (IOPS)	95K/72K	98K/68K	50K/65K	50K/65K
External DRAM Buffer	No	No	No	No
Operating Temperature (°C)	STD: 0°C ~ 70°C WT: -40°C ~ 85°C	STD: 0°C ~ 70°C WT: -40°C ~ 85°C	STD: 0°C ~ 70°C WT: -40°C ~ 85°C	STD: 0°C ~ 70°C WT: -40°C ~ 85°C
Storage Temperature (°C)	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C

Product Specification



Model Name	PV250-M280 PV25C-M280*	PV250-M242 PV25C-M242*	PV25T-M280
Form Factor	M.2 2280	M.2 2242	M.2 2280
Interface	PCIe Gen4 x4	PCIe Gen4 x4	PCIe Gen4 x4
NAND Flash Type	3D TLC	3D TLC	3D TLC
Capacity	120GB~960GB	120GB~480GB	60GB~480GB
Max. Sequential R/W (MB/sec.)	3740/3330	3740/3065	3740/3330
Max. Random R/W (IOPS)	531K/667K	386K/610K	531K/667K
External DRAM Buffer	No	No	No
Operating Temperature (°C)	STD: 0°C ~ 70°C WT: -40°C ~ 85°C	STD: 0°C ~ 70°C WT: -40°C ~ 85°C	STD: 0°C ~ 70°C WT: -40°C ~ 85°C
Storage Temperature (°C)	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C

* Model name with "C" supports cloud edition.