

P/N: STNVMeM224C95T-500

SEMITANK SSD 2242 NVMe C95 500GB

DESCRIPTION

C95 Commercial Series 500GB is an SSD hard drive using a connection interface NVMe PCIe 4.0 Gen 4*4 5K controller. This is a SSD that delivers read/write speeds up to 5000/2700 MBps and Support TRIM, NCQ, S.M.A.R.T, ECC, Wearleveling.

System Support: Windows XP/Win7/8/10/11, Mac OS, Linux, embedded operating systems used in control, measurement, and applications such as: Music server, Automation control.

Precautions:

[1] The speed was tested by Semitank and for the reference only.

[2] 1GB=1,000,000,000 Bytes. In OS system, it would be displayed as 1,000,000,000 Bytes/1024/1024/1024 = 0.93GB

[3] Definition and conditions of TBW (Terabytes Written) are based on JEDEC standard

[4] Transmission speed will vary according to different hardware/software conditions, therefore the data can only use for basic reference.

NOTES:

[5] We reserve the right to modify product specifications without prior notice.

[6] Different devices may have a different best format for usage. It is recommended to format the device before use to ensure the correctness and the integrity of the SSD.

[7] (1): We can use any of the above driver ICs. Basically, they do not change the performance and basic specifications.

[8] (2): We may change any type of memory chip for any product line without notice.

SPECIFICATIONS

| | |
|----------------------------|--|
| Series: | C95 Commercial Series |
| Model: | SSD 2242 NVMe C95 500GB |
| Capacity: | 500GB |
| Performance Read/Write: | 5000/2700 MBps |
| Interface: | NVMe PCIe 4.0 Gen 4*4 5K |
| Controller: ⁽¹⁾ | Maxio: MAP1602 |
| NAND: ⁽²⁾ | Intel/Micron/YMTC 3D TLC Nandflash Original/Good Die |
| Support: | Support TRIM, NCQ, S.M.A.R.T, ECC, Wearleveling |
| Support Computer: | - Desktop - Laptop - AIOs - Server - Industrial Computer - Commercial Computer - Consumer Computer |
| System Support: | Windows XP/Win7/8/10/11, Mac OS, Linux, embedded operating systems used in control, measurement, and applications such as: Music server, Automation control. |
| Operating Voltage: | 3.3V |
| Dimensions: | 42mm*22mm*3.2mm |
| Operating Temperature: | 0 - 70°C |
| Storage Temperature: | -40 - 85°C |
| Humidity: | 0°C ~ 50°C/5% ~ 95% RH, non-condensing |
| Warranty: | Lifetime warranty – 36 months |
| Quality Certification: | CE, FCC, ROHs |